



ÖZGEÇMİŞİ

Adı, Soyadı : Önder PEKCAN
Doğum Tarihi : 01 Eylül 1942
Doğum Yeri : Samsun, Türkiye

EĞİTİM VE PROFESYONEL HAYATI:

Ankara Deneme Lisesi, Diploma 1960

**Almanya, Münih, Stajyer öğrenci, IAESTE
Mayıs-Eylül, 1963**

**Ankara Üniversitesi, Fizik Mühendisliği
Lisans derecesi, Haziran 1965**

**Ankara Üniversitesi, Reaktor Fiziği
Yüksek Mühendislik Derecesi, Haziran 1967**

**Türkiye Atom Enerjisi Komisyonu (TAEK),
Nükleer Araştırma Merkezi, İstanbul, Çekmece,
Araştırmacı, 1966-1968**

**New York State University, Queens College
Lisan Bölümü İngilizce Derecesi, Aralık 1969**

**University of Chicago, Fizik Bölümü Master
Derecesi, Haziran 1971**

**University of Wyoming Fizik Bölümü Ph.D.
Derecesi, Mayıs 1974**

**Hacettepe Üniversitesi Öğretim Görevlisi,
Eylül 1974**

Hacettepe Üniversitesi Doçent, Kasım 1979

**İtalya, Trieste Teorik Fizik Merkezi, Misafir
Bilimadamı Haziran-Eylül 1980**

**Polonya, Gdansk Teknik Üniversitesi, Misafir
Bilimadamı, 1980-1981**

**University of Toronto, Kanada, Misafir
Profesör, 1981-1983**

Hacettepe Üniversitesi Öğretim Üyesi, 1983-1985

**University of Toronto, Kanada, Misafir
Profesör ve Endüstri Araştırmacısı 1985-1988**

İstanbul Teknik Üniversitesi Profesör, 1988-2005

**University of Toronto ve Xerox Canada Araştırma
Merkezi, Danışman Haziran-Ağustos 1989**

**University of Toronto, Kanada Misafir Profesör
Haziran-Eylül 1994**

**Türkiye Bilimler Akademisi (TÜBA) üyesi,
Ocak 1995-2012**

Trakya Üniversitesi, Misafir Profesör, 1996-1997

**İstanbul Teknik Üniversitesi, Fen- Edebiyat Fakültesi
Dekanı 1997-2003**

TÜBA Konsey Üyesi, Haziran 2002 -Mart 2003

TÜBİTAK Bilim Kurulu Üyesi, Şubat 2003 - Şubat 2005

Işık Üniversitesi Fen-Edebiyat Fakültesi Profesör

2005- 2008

**Işık Üniversitesi Fen-Edebiyat Fakültesi Dekanı
2005-2008**

Kadir Has Üniversitesi, Profesör 2008-----

**Kadir Has Üniversitesi, Fen-Edebiyat Fakültesi Dekanı
2008--2012**

TÜBA Konsey Üyesi, Aralık 2009- 2011

**Bilim Akademisi Derneği, Yönetim Kurulu Üyesi,
Ocak, 2012-Aralık 2017**

**Kadir Has Üniversitesi, Mühendislik ve Doğa Bilimleri
Fakültesi Dekan Vekili Temmuz 2015 -Temmuz 2016,
Eylül 2016- Şubat 2017**

Emeritus Profesör, Kadir Has Üniversitesi, 6 Şubat 2020

HAKEMLİK ETTİĞİ DERGİLER

Macromolecules

Biomacromolecules

Int. J. Coatings Science

J. Colloid and Interface Science

Eur. Polym. J.

Polymer

Macromolecular Theory and Simulations

Macromolecular Chem. Phys.

Int. J. Solar Energy

J. Polymer Science, Part B

J. Applied Polymer Science

Synthetic Metals

Turkish J. Physics

Turkish J. Chemistry

Physical Review

Trends in Polymer Science

Int. J. Biological Macromolecules

Int. J. Pharmaceutics

Chemical Papers
J. Material Science
Materials Chemistry and Physics
Food Hydrocolloids
Industrial and Engineering Chemistry Research
J. Computational and Theoretical Nanoscience
Spectroscopy Letters
Journal of Porous Materials
Dyes and Pigments
Sensor Letters
Langmuir
Journal of Luminescence
Carbon
Applied Surface Science
Macromolecular Reaction Engineering
Journal of Nanomaterials
Smart Materials Research
Polymer International
Designed Monomers and Polymers
Journal of Peptide Science
Canadian journal of Chemistry
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
Soft Matter
Journal of Nanotechnology 2012.....
Advances in Materials Science and Engineering
Scientific Journal of Microelectronics
Journal of Materials
Journal of Scientific Research and Reports
Surface Review and Letters
International Journal of Polymer Science
Polymer Degradation and Stability
Advances in Civil Engineering
Journal of Chemistry
Computational Materials Science
British Journal of Applied Science & Technology
Water, Air, & Soil Pollution
The Journal of Physical Chemistry
Journal of Bioactive and Compatible Polymers
Advances in Chemical Engineering and Science
Journal of Applied Chemical Science International
Journal of Bioscience and Bioengineering

Journal of Basic and Applied Research International
Sensors & Actuators: B. Chemical
Progress in Organic Coatings
International Research Journal of Pure and Applied Chemistry
Journal of Chemistry: Food Chemistry
Journal of Scientific Research and Reports
American Journal of Bioscience and Bioengineering
Journal of Industrial and Engineering Chemistry
Journal of Bioinformatics, Computational and Systems Biology
PROGRESS IN POLYMER SCIENCE
Indian Journal of Materials Science
Carbohydrate Polymers
Current Medicinal Chemistry

VERDİĞİ DERSLER

- 1. Klasik Mekanik**
- 2. Kuantum Mekaniği**
- 3. Katıhal Fiziği**
- 4. Elektrik Laboratuvarı**
- 5. Dalgalar Laboratuvarı**
- 6. Matematik I, II**
- 7. Dalgalar ve Titreşim**
- 8. Fiziğe Giriş (Mekanik, Elektrik ve Magnetizma)**
- 9. Polimer Fiziği**
- 10. Spektral Analiz**
- 11. Atom ve Molekül Fiziği**
- 12. Elektromagnetik Teori**
- 13. Spektroskopi**
- 14. Modern Physics**
- 15. Food in History**
- 16. Expanding Universe**

ÖDÜLLER ve BAŞARILAR

TAEK Bursiyeri 1968-1974

Minna James Heineman Stiftung Ödülü, 1981
Türkiye Bilimler Akademisi (TÜBA) üyesi, Ocak 1995-2012
TUBITAK Bilim Ödülü, 1998
2011-2012 Akademik Ödülü, Kadir Has Üniversitesi
Bilim Akademisi Derneği (BA), Üyesi, Ocak, 2012
Outstanding Contribution in Reviewing,
(Elsevier Reviewer Recognition) Ödülü, June 2015
Dünyada 100 000 etkin Bilim insanı ve Türkiyedeki 195 Bilim İnsanı
arasına seçildi, 2020 (Scopus ve Plos Biology tarafından).
IntechOpen'daki kitap bölümü (2016),1600'ün üzerinde indirildi
(2021).
Türkiye'de En Çok Atıf Alan ve H Index'i En Yüksek 6.000
Akademisyen arasında, 401 inci (2021,Google Scholar verileri)

YÖNETTİĞİ TEZLER

Yüksek Lisans

1. Argon-Iyon Laser, Master Tezi, **Bulent Uluğ**, Fizik Bölümü, Hacettepe Üniversitesi, 1977 (MART)
2. Saflaştırılmış Organik Maddelerin Bridgman-Stockbager Yöntemi ile Tek Kristallerin Büyütülmesi, Master Tezi, **Ertuğrul Yorükoğlu**, Fizik Bölümü, Hacettepe Üniversitesi, 1979 (OCAK)
3. Organik Kristallerde Paramagnetik Excitonlar, Master Tezi, **Demet Gülen**, Fizik Bölümü, Hacettepe Üniversitesi, 1979 (EYLÜL)
6. Tek Foton Sayma Sistemi ve Ölü Zaman, Yüksek Mühendislik Tezi, **Şevket Civelek**, Fizik Bölümü, Hacettepe Üniversitesi, 1986
8. Floresans Tekniği Kullanılarak Sol-Gel Faz Geçişlerinin İncelenmesi, Yüksek Lisans Tezi, **Yaşar Yılmaz**, 1994 İTÜ, Fizik
9. Sert Latekslerden Film Oluşumunun Foton Soğurma Yöntemi ile Çalışılması, Yüksek Lisans Tezi, **Figen Kemeroğlu**, 1996 İTÜ, Fizik
10. İnce Polimer Filmlerinin Çözünürlüğünün Floresans Teknik ile İncelenmesi **Şaziye Uğur**, Fizik İstanbul Teknik Üniversitesi, 1997.
11. Floresans ve dilatometrik teknik kullanarak S ve DVB'nin Serbest

Radikal Zincir Kopolimerizasyonu ile Ağ Yapı Oluşumu İncelenmesi
Demet Kaya , Fizik Bölümü, İstanbul Teknik Üniversitesi, 1998.

12. Organik Çözücü Buharında Latex Film Oluşumu, **Beril Akkök**
Fizik Bölümü, İstanbul Teknik Üniversitesi, 2002

13 Organik Çözücü Buharında Jel Şişmes **Betül Yönel**, Fizik Bölümü
İstanbul Teknik Üniversitesi. 2002

14. Kinetik Monte Carlo Yöntemi ile Polimer Simulasyonları
Batuhan Kısacıkoğlu Fizik Bölümü İTÜ, 2003

15. Biyolojik Jellerde Difüzyon Mekanizmaları
Evren Ataman Fizik Bölümü İTÜ, 2005

16. Kompozit Polimer Malzemeler
Selin Sunay Fizik Bölümü İTÜ, 2005

Doktora Tezleri

1. Bazı Polimer Kolloidlerin Nitroksit Spin Problemleriyle ESR de
İncelenmesi, Doktora Tezi, **Yusuf Demir**, Fizik Bölümü,
Hacettepe Üniversitesi, 1987

2. PMMA ve PVAc Polimerlerinde Bazı Moleküllerin Hareketleri ve
Oksijen Difüzyonunu ESR ile İncelenmesi, Doktora tezi, **Yılmaz**
Kaptan, Fizik Bölümü, Hacettepe Üniversitesi, 1987

3. Lateks Parçacıklarından Film Oluşumu Sürecinde Parçacık Ara
Yüzeylerinde Kaynaşma ve Polimer Zincir Difüzyonu, Doktora tezi,
Murat Canpolat, 1996 İTÜ, Fizik

4. Fluorescence Technique for Studying Polymeric Gels, Doktora tezi,
Yaşar Yılmaz, İTÜ, Fizik 1999

5. Organik ve Su Bazlı Latekslerden Film Oluşumunun Foton Gecirme
ve Yansıtma Teknikleri ile İncelenmesi, Doktora tezi, **Ertan Arda**
TÜ, Fizik 2001

6. Polimer Jellerin Oluşum ve Faz Geçişi Süreçlerinin Foton Gecirme
Tekniği ile İncelenmesi, Doktora Tezi, **Selim Kara**, TÜ, Fizik 2003

7. Floresans Yaşam Zamanı Kullanarak Polimerik Jellerin Şişme Mekanizmalarının İncelenmesi, Doktora tezi, **Matem Erdoğan**, İTÜ, Fizik 2003
8. Sıvı Kristal Polimerlerde Faz Geçişleri, Doktora tezi, **Sevtap Yıldız** İTÜ, Fizik 2004
9. Farklı teknik Kullanılarak Farklı Polimer Sistemlerde Ağ Yapı Oluşum Sürecinin Çalışılması, Doktora tezi, **Demet kaya**, İTÜ, Fizik 2004
10. Kararlı Durum Floresans Tekniği Kullanarak Polimer Filmlerin Çözünme Mekanizmasının İncelenmesi, Doktora tezi, **Şaziye Uğur**, İTÜ, Fizik 2004
11. Karagenan Jellerde Termal ve Hacimsel Faz Gecişleri **Özlem Tarı**, İTÜ, Fizik 2009
12. Polimer Kompozitlerden Film Oluşumu, **Önder Yargı** İTÜ Fizik 2010
13. Karışık Jellerde Faz Geçişleri **Gülşen Evingür** İTÜ Fizik 2011
14. Tiyokzantan Türevli Başlatıcılarla Gerçekleştirilen Jelleşme ve Polimerizasyon Mekanizmalarının İncelenmesi ve Matematik Modellemesi **Zekeriya Doğruyol** YTÜ Kimya 2011
15. Polimer-Polimer ve Polimer Metaloksit Kompozit sistemlerde film Oluşum Davranışlarının İncelenmesi **Selin Sunay** İTÜ Fizik 2012
16. Pirenil Türevleri ile Modifiye Edilmiş Floresan Karakterli Peptit ve Protein Substratlara Proteaz Etkisinin Florometrik Yöntemlerle İncelenmesi **İbrahim Özyiğit** YTÜ Kimya 2015

Devam Eden Tezler

Fraktallar **Alev Çimbarcı**, Işık Üniversitesi, Sanat Bilimi

PROJELER

1. Polymer Antenna for Harvesting Solar Energy, NSERC, Kanada, 1981-1983 (katıldığı)
2. Luminescence Techniques to Study Polymer Colloids, NSERC, Kanada, 1981-1983 (katıldığı)
3. ESR Tekniđi ile Spin Etiketli Polimer Kolloidlerin Yapılarının İncelenmesi, TBAG 621 TÜBİTAK, 1983-1986 (yönettiđi)
4. Polimer Colloid Yapısının İncelenmesinde Tek-Foton Sayma Tekniđi, TBAG 670 TÜBİTAK, 1984-1988 (katıldığı)
5. Polimer Malzemelerin Floresans Tekniđi ile İncelenmesi, İTÜ Araştırma Fonu,1990-1992 (Yönettiđi)
6. Tek Foton Sayma Sistemi ile Polimer Malzemelerin Çalışılması,İTÜ Araştırma Fonu, 1997-2000 (Yönettiđi)
7. Biyolojik Jellerde Faz Geçişlerinin İncelenmesi,İTU Araştırma Fonu 2006- (katıldığı)
8. Saf polymer lateks ve kompozit sistemlerin film oluşma davranışları, TÜBİTAK-1001 (No: 107T394), 2007- (katıldığı)
9. KARIŞIK JELLERDE FAZ GEÇİŞLERİ, İTU Araştırma Fonu 2008-- (yönettiđi)

İDARİ SORUMLULUKLARI

1. Fizik Mühendisleri Odası Başkanı, TMMOB, 1976-1977
2. Tüm Öğretim Üyeleri Derneđi TÜRÖD ,üyesi 1977-1980
3. Tüm Öğretim Üyeleri Derneđi TÜRÖD, Ankara Şubesi, Genel Sekreteri, 1979-1980
4. Matematik-Fizik Anabilim Dalı Başkanı, Mühendislik Fakültesi, Hacettepe Üniversitesi, 1983-1986
5. Katıhal Fiziđi Anabilim Dalı Başkanı İTÜ, 1988-1995
6. Fizik Bölüm Başkan Vekili İTÜ, 1989
7. Fizik Bölüm Başkanı İTÜ, 1992-1993
8. Fen Edebiyat Fakültesi, Fakülte Kurulu Üyesi İTÜ,1989-1991

9. Fen Edebiyat Fakültesi Dekanı, İTÜ, 1997-2003
10. Moleküler Biyoloji ve Genetik Bölüm Başkan Vekili İTÜ, 2002-2003
11. TÜBİTAK, TBAG üyesi 1997-2003
12. TÜBA Konsey Üyesi, Haziran 2002 -Mart 2003
13. TÜBİTAK Bilim Kurulu Üyesi, Şubat 2003 - Şubat 2005
14. Işık Üniversitesi, Fizik Bölüm Başkanı 2005
15. Işık Üniversitesi, Fen-Edebiyat Fakültesi Dekanı 2005-2008
16. Işık Üniversitesi,Enformasyon Teknolojileri Bölüm başkan Vekili 2008
17. Kadir Has Üniversitesi, Fen-Edebiyat Fakültesi Dekanı 2008--2012
18. TÜBA Konsey Üyesi, Aralık 2009- 2011
19. Bilim Akademisi Derneği, Kurucusu veYönetim Kurulu Üyesi, Ocak, 2012-Aralık 2017
20. Mühendislik ve Doğa bilimleri Fakültesi, Fakülte Kurulu Üyesi Kadir Has Üniversitesi Mart 2012
21. Orta Doğu ve Afrika Araştırma ve Uygulama Merkezi, Yönetim Kurulu Üyesi, Kadir Has Üniversitesi Eylül 2014
22. Kadir Has Üniversitesi, Akademik Değerlendirme ve Kalite Geliştirme Komisyonu (ADEK) üyesi, Mayıs 2015
23. Kadir Has Üniversitesi , Etik Kurul Üyesi, Mayıs 2015
24. Mühendislik ve Doğa bilimleri Fakültesi, Dekan Vekili Kadir Has Üniversitesi Temmuz 2015 - Şubat 2017
- 25.İşletme Fakültesi, Fakülte Kurulu Üyesi, Kadir Has Üniversitesi 2017
26. Yaratıcı Endüstriler Platformu InIDEA üyesi 2019...

ÜYE OLDUĞU DERNEKLER

1. Deneme Lisesi Mezunları Cemiyeti
2. Türk Fizik Derneği
3. Fizik Muhendisleri Odası
4. American Chemical Society
5. American Physical Society
6. SPIE (Society of Photographic Instrumentation Engineers)Üyesi
7. Bilim Akademisi Derneği
- 8.AIM - "Associazione Italiana di Scienza e Tecnologia delle Macromolecole" Üyesi

ARAŐTIRMA KONULARI ve DENEYİMLERİ

REAKTÖR FİZİĞİ (1965-1968)

1 MW Atom Reaktörünün kalbinde nötron akısı çalışmaları

KATIHAL FİZİĞİ (1971-1981)

1. Optik uyartılmış karışık organik tek kristaller
2. Kararlı Floresans ve Fosforesans Spektroskopisi
3. Enerji Transferi ve Exciton Bantları
4. Triplet-Triplet veya Trap-Triplet Annihilation
5. Gecikmiş Floresansın Magnetik alan Bağımlılığı
6. Elektron Spin Rezonans Tekniğı ile Enerji Transferi
7. Alçak sıcaklıklarda zamana bağılı ESR ölçümleri ve Trap Ömür Süreleri

BİLGİSAYAR ÇALIŐMALARI (1981-1987)

1. BASIC dili ile Non-Linear Least Square Fitting Programları
2. Fractal analizleri için Programlar
3. Tek Foton Sayma tekniğı için Floresans ve fosforesans Bozunum Modelleri
4. IBM PC lerin Interface leri ve BASIC Programları

FRACTAL GEOMETRİSİ (1986-1996)

1. Polimer Kolloid ve Polimer Filimlerde Boyut Anlamı
2. Direkt Enerji Transfer analizi ile Kolloid Geometrisinin Çalışılması
3. Kolloidi nonsolvent ile şişirerek geometri değışikliğı
4. 2-Boyuttan küçük boyutların değılendirilmeleri
5. Restricted Geometrilere ve boyut anlamı

POLİMER FİZİĞİ (1982-2007)

1. Tek foton Sayma sistemi ile ömür süreleri ölçümü
2. Ultraviole ve Kararlı Luminesans Teknikleri
3. Polimer filimlerde Foster tipi Enerji Transferi
4. Kolloidal Dispersiyonlarda Difüzyon kontrollu Enerji Transferi
5. Koloid ve Polimer Filimlerin Tavlanması ve Morfolojik değişimi
6. Nitroksit Radikal katkılama ile ESR de Kolloid Morfolojisi
7. Gamma Radyasyonu ile Kolloidlerde Makro-radikal üretimi
8. Makro-radikaller ile ESR de Oksijen Difüzyonu çalışılması
9. Polimerlerde Sol-Gel Faz Geçişleri ve Diğer Kiritik Olaylar
10. Perkolasyon modellemeleri
11. Lateks Film Oluşumunun Kararlı Florasan Teknik ile İncelenmesi
12. Polimer Filmlerin Çözülmesi
13. Sıvı Kristal Polimerler
- 14 Polimer- Seramik Kompozit malzemeler
15. Polimerik Jellerin Şişme Mekanizmaları
16. Biopolimerlerde Faz geçişleri
17. Proteinler ve Enzimler

Nano Bilimler (2007- - -)

1. Karbon nano tüp ile katkılanmış jeller ve latex filimler
2. İletkenlik Perkolasyonu
3. Seramik kaplanmış nano latexeler (nano mercekler)
4. Grafen – polimer kompozitler

ÖZEL ETKİNLİKLERİ

1. Ege Spor Futbol Kulübü, Ankara Ligi, 1960-1962
2. A.U.F.F. Futbol Takımı, Ankara, 1964-1965
3. Wyoming Üniversitesi Soccer Klübü, USA Western Athletic Conference, 1971-1973
4. Wyoming Üniversitesi Voleybol Takımı, 1973
5. Fizik Mühendisliği Dergisi Sahibi ve Editörü, 1976-1977 Sayıları
6. Önder Pekcan, Foto-Resim Sergisi, Dost Sanat Galerisi, Ankara, Ocak 1986
7. International Journal of Solar Energy, Editorial Board Member 1996
8. Arı Dergisi, Editörü 2002.....
9. ÜAK Doçentlik Fen Bilimleri Komisyon Üyesi 2000-2009
10. İTÜ Dergisi, Fen Bilimleri, Editör 2003- 2005

11. Türkiye Gazeteciler Cemiyeti, Sedat Simavi Ödülleri,
Fen Bilimleri Jüri Üyesi 2005----
12. FABED Bilim kurulu üyesi. 2006----
13. Open Drug Delivery Journals, Editorial Advisory Board Member
2007-----
14. TÜBA, GEBİP Astronomi-Fizik-Matematik Bilimleri Alan
Değerlendirme Komite üyesi 2009-2010
15. TUAKE(TUBA) Fen-Mühendislik Alan Komitesi Uyesi 2010-2011
16. TUAKE(TUBA) Komite Uyesi 2010-2011
17. Bilim Akademisi Yönetim Kurulu Üyesi 2011.....
18. Bilim Akademisi, Fen-Mühendislik Alan Koordinatörü 2011....
18. Optics, Science PG; Editorial Board Member, 2012....
19. Computational Biology and Bioinformatics, Editorial Board Member
/Peer Reviewer 2012...
20. Journal of Nanotechnology, Editorial Board Member 2012.....
21. J. Chem. Research (IBIMA publishing) International Editorial board
member 2014...
22. International Journal of Polymer Science, Editorial Board member
2014---
23. International Journal of Materials Science and Applications, Science
PG. Editorial board member 2014....
24. Journal of Bioinformatics, Computational and Systems Biology,
Editorial Board Member 2015.....
25. American Journal of Bioscience and Bioengineering, editorial board
member/ peer reviewer, Science PG, 2015
26. 5 Doğal Plato Kısa Film ve Fotoğraf Yarışması , Jüri Üyesi
13-16 Mayıs 2016
27. PTT AŞ nin çıkardığı “Fraktal Doğa Yansımaları” Pullarının
Danışmanlığı (2020)
28. Altınbaş Üniversitesi Temel Bilimler Bölümü, Dış Danışma Kurulu
üyesi (2021 Nisan)

List of Publications

Book Chapters

1. M.A. Winnik, Ö. Pekcan and M.D. Croucher "Fluorescence Techniques in the Study of Polymer Colloids " Ed. R.H. Ottowill and F. Candau, Kluwer Academic Publisher NATO ASI Series 1988
2. Ö. Pekcan "Dynamics in Small Confining Systems" Eds. J.M.Drake , J.Klafter,R.Kopelman and D.O.Awschalom, MRS Vol.290 1993, Pitsburg,Pennsylvania
3. A. T. Giz and Ö. Pekcan " Klafter Blumen Apparent Dimension in a Randomized Sierpinsky Carpet " Ed. M.Novak, Fractals in the Natural and Applied Sci. Elsevier Sci. 1994
4. Ö. Pekcan and M. Canpolat "Film Formation in Waterborne Coatings" T. Prouder, M. A. Winnik , M. W. Urban Eds. ACS Symp , Series (1996)
5. Ö. Pekcan and E. Arda "Void Closure and Interdiffusion in Latex Film Formation by Photon Transmission and Fluorescence Methods" Colloids and Surfaces A: Physicochemical and Engineering Aspects, 153,537(1999)
6. Ö. Pekcan and Y. Yılmaz "Fluorescence Method for Monitoring Gelation and gel Swelling in Real Time" Applied Fluorescence in Chemistry, Biology and Medicine Eds. W. Rettig , B. Strehmel , S. Schrader ,Springer-Verlag. Berlin 371(1999)
7. O.Pekcan and E.Arda "UV-Visible Technique for Studying Latex Film Formation and Dissolution "PMSE, ACS, Vol 82,376(2000)
8. Ö. Pekcan and E. Arda "Packing Effect on Latex Film Formation and Dissolution" SPIE Subsurface Sensing Technologies and Applications II Ed. Cam Nguyen, Vol.4129,314(2000)
9. Ö. Pekcan and E.Arda "Interfacial Behaviour of Latex Films"Encyclopedia of Surface and Colloid Science ,Marcel and Dekker Inc.2691 (2002)
10. Ş. Uğur and Ö. Pekcan "Entanglement Effect on Dissolution of Polymeric Glasses; A Fluorescence Study "FSCT Proc. 80 th Ann. Meeting,Global Connectivity,2002
11. Ö. Pekcan and E. Arda "Interfacial Behaviour of Latex Film "(update article) ESCS, Marcel and Dekker 1, 2002
12. Ö. Pekcan and E. Arda "Fluorescence Methods for Latex Film Formation " Chapter in Stimuli-Responsive Polymer Film and Coatings Eds.Marek W. Urban, ACS Sym. Series 912, pp137 (2005)
13. Ö. Pekcan and M. Erdoğan "Fast Transient Technique for Studying Gel Swelling "Chapter 7, Horizons in Polymer Research, Ed. Robert K. Bregg, Nova Science Publisher Inc. pp1-35 (2005)
14. Ş.Uğur, Ö. Pekcan "Polymer-Ceramic Nanocomposites" Photonic

Material, Devices and Applications, II Eds. A. Serpengüzel
G. Badenes, G.C. Righini , SPIE Vol.7366,736609 Online (2009)

15. G.A.Evingür, D. Aktaş and Ö. Pekcan” Fluorescence Technique for Monitoring Swelling of PAAm- K-Carrageenan Gel Composites” Optical Measurement Techniques for Structures and Systems Eds. J. Dirckx, J. Buytaert, Shaker Publishing BV OPTIMESS 151 (2009)
16. Doğruyol, Z.; Karasu, F.; Temel, G.; Balta, D. K.; Aydın, M.; Keskin, S.; Pekcan Ö.; Arsu N. “ The Effect of Photoinitiator Content and UV intensity on the rate of Diacrylate Polymerization; A Photo-DSC Study” Basics and Applications of Photopolymerization Reactions, In Applied Polymer Science Series; Fouassier, J. P. Allonas, X., Eds.; Research Signpost: Trivandrum, 2010; Chapter 11, 161-173
17. Ö.Pekcan and G. Evingür “Conductivity Percolation of Carbon Nanotubes in Polyacrylamide Gels” Carbon Nanotubes- Polymer Nanocomposites Book 4, Ed. Siva Yellampalli, INTECH Open Access Puplicher 197-214, (2011) July
18. Ö.Pekcan” Phase Transitions in Seaweeds” Anı Kitabı,Bilim, Kişi, Toplum Üzerine Çalışmalar 60 ıncı yıl Sempozyumu(Nihat Berker e Adanmıştır) Eds.A Akyüz, Ö.F. Dayı, S.D. Feyiz ve S.Y. Özbek . Sabancı Üniversitesi 2012
19. Ş.Uğur, M.S. Sunay, and Ö. Pekcan “Fluorescence Study of the film Formation from PS Latex-TiO₂ Composite; Effects of TiO₂ Content, Film Thicness and Particle Size” 2015 Sustainable Industrial Processing Summit, Vol 6, pp. 163-185Coatings, Cements, Rare Earth and Ferro – Alloys. Ed. F. Kongali, P. Masset, C. Berndt, C. Capiglia, FLOGEN 2015
20. G. Evingur and Ö. Pekcan “Optical, Mechanical, and Electrical Properties of Polymer Composites Doped by Multiwalled Carbon Nanotubes” Carbon Nanotubes - Current Progress of their Polymer Composites Eds. Mohamed Reda Berber and Inas Hazzaa Hafez INTECH Open Access Puplicher July, 2016
21. G. Evingur and Ö. Pekcan “Effect of content and temperature on the phase transitions of polymer composites doped by kappa carrageenan and alginate. In: Alexandru Grumezescu, editors: Novel Approaches of Nanotechnology in Food, Vol 1, oxford: Academic Press; 2016, p. 201-236.
22. Ş.Uğur and Ö. Pekcan “Film Formation from PS Latex /Al₂O₃ Composites Prepared by Dip-Drawing Method” Advances in Nanostructure Composites, Chp. 14 Science/CRC Press,Taylor and Francis (2019) Editor Mahmood Aliofkhazraei.
23. G. Evingür and Ö. Pekcan “ Graphane Oxide Polyacrylamide composites; Optical and Mechanical Characterizations” Handbook of Graphene, Chp.17, Editor Cengiz Ozkan 2019. Wiley-Scrivene
24. G. Evingür and Ö. Pekcan, Dimitris S Achilias, Open Access Peer-reviewed Edited Volume” Termosoftening Plastics” IntechOpen, February, 26 th 2020

25. Ö. Pekcan “ Uğur Mumcudan Mektup var” Çocukluk Arkadaşı Önder Pekcan nın Anıları, Uğur Mumcu ve Mektupları, Yayına hazırlayan Ümit Aslanbay, Şubat (2020), Telgrafhane Yayınları
26. Ö.Pekcan “ Fizik Araştırmaları “ Araştırma Denilince, Ed. Sezgin Tüzün, Bağlam Yayınları, Şubat (2021)
27. Ş.Uğur,and Ö. Pekcan “APPLICATION OF FLUORESCENCE TECHNIQUE FOR UNDERSTANDING FILM FORMATION FROM POLYMER LATEXES And COMPOSITES” Chpt.6. Handbook of Modern Coating Technologies, Advanced Characterization Methods, Edited by: Mahmood Aliofkhazraei, Nasar Ali, Jeff Th.M. De Hosso, Pages 263-357, Elsevier March 12 (2021)

In International Journals (in Web of Science,SCI)

1. Ö. Pekcan, T.M.Kite, A.B.Denison and L.J.Noë "Triplet Annihilation in Pyrene-d10 Doped Fluorene", Chemical Physics Letters, 21/1, p.161-163, (1973)
2. Ö. Pekcan, "Investigation of Triplet State Energy Transfer in Fluorene Single Crystal by Magnetic Resonance Method", Chemical Physics Letter, 59/3, p.498-501, (1978)
3. Ö. Pekcan, "Effects of Impurity Traps on Exciton-Guest, Triplet-Triplet Annihilation in Pyrene-d10 Doped Single Crystal of Fluorene", Molecular Physics, 38/4, p. 1233-1242, (1979)
4. Ö. Pekcan, E.Keyman, "Magnetic Resonance Absorbtion of Host Guest Triplet Paired Centers in A Mixed Organic Crystal System", Chemical Physics Letters, 69/1, p. 78-82, (1980)
5. Ö. Pekcan, "Magnetic Field effects on Host-Guest Triplet Pairs in a Mixed Organic Crystal System", Chemical Physics Letters, 70/1, p. 74-78, (1980)
6. Ö. Pekcan, "Excitation Probabilities and Intramolecular Interaction of Host and Guest Molecules of Paired Center in a Mixed Organic Crystal System", Journal of Physics C: Solid State Physics, 14, p. 3957-3964,(1981)
7. Ö. Pekcan, "Energy Transfer via Disturbed Host Species in a Mixed Organic Crystal System", J. Phys. C: Solid State Physics, 14, p. 745-750, (1981)
8. Ö. Pekcan, M. A. Winnik, L. Egan and M. D. Croucher, "Luminescence techniques in Polymer Colloids, 1. Energy Transfer Studies in Non-Aqueous Dispersions", Macromolecules, 16 , p. 699-702, (1983)
9. Ö. Pekcan, M. A. Winnik, and M. D. Croucher, "Phosphorescence from Covalently Labeled Non-Aqueous Dispersions: Insights into the Swelling of Microdomains. Luminescence from Polymer Colloids, 2. The Journal of Colloid and Interfacial Science, 95, p. 420-427 (1983)

10. M. A. Winnik, Ö. Pekcan, "How Dense Packed are Collapsed Polymer Chains in Dilute Solution?" *Macromolecules*, 16, p. 1021-1023, (1983)
11. A. E. C. Redpath, Ö. Pekcan, M. A. Winnik, "the Quenching of Alkyl Pyrene Fluorescence by atactic and Isoatactic polystyrene", *J. Photo Chemistry*, 23, p. 283-288 (1983)
12. Ö. Pekcan, M. A. Winnik, and M. D. Croucher, "A Microphase Model for sterically Stabilized Polymer Colloids: Fluorescence Energy Transfer from Naphthalene Labelled Dispersion", *J. Polymer Science, Polymer Lett.* 21, p. 1011-1018, (1983)
13. M. A. Winnik, Ö. Pekcan, and L. Egan, "Energy Transfer Studies from Polymer Bound Naphthalene to Anthracene in Solution", *Polymer*, 25, p. 1767-1773, (1984)
14. M. A. Winnik, Ö. Pekcan, and M. D. Croucher "Phosphorescence of Naphthalene Labelled colloidal polymer particles. The -Methyl relaxation of one microphase in a multicomponent material", *Can. J. Chem.* 63, p. 129-133, (1985) Special Issue
15. Ö. Pekcan, Y. Kaptan, Y. Demir and M. A. Winnik "Spin Probe Studies of a Polymer-Blend-Like Material Particles Formed from Poly(Methyl-Methacrylate) and Polyisobutylene " *Journal of Colloid and Interface. Sci.* 111, p. 269, (1986)
16. M. A. Winnik, Ö. Pekcan, L. Chen and M. D. Croucher "Morphology Changes and Volume Deformation of Individual Phases of polymer Blends" *Fluorescence Studies of Polymer Colloids 9. Macromolecules*, 21 p. 55-59, (1988)
17. Ö. Pekcan, M. A. Winnik and M. D. Croucher " Direct Energy Transfer Studies on Doped and Labelled Polymer Latex Particles " *Phys. Rev. Lett.* 61,641,(1988)
18. Y. Kaptan, Ö. Pekcan and O. Guven,E.Arca "Determination of Diffusion Coefficient of Oxygen into Polymers by by Using Electron Spin Resonance Spectroscopy" *J.App.Poly.Sci.* 37(9),2577,(1989)
19. Ö. Pekcan, L.S.Egan, M.A.Winnik and M.D.Croucher " Energy Transfer in Restricted Dimensionsa; a new Approach to Latex Morphology " *Macromolecules*, 23,2210,(1990)
20. Ö. Pekcan, M.A.Winnik and M.D. Croucher "Materials with Variable Dimensionality ; Energy Transfer Studies on Organic Polymer Membrane films " *Chem.Phys.* 146,283, (1990) Special Issue
21. Ö. Pekcan, M.A.Winnik and M.D.Croucher "Fluorescence Studies of Coalescence and Film Formation in Non-Aqueous Disper_

- sion Particles " *Macromolecules* 23,2673, (1990)
22. Ö. Pekcan "Coalescence and Film Formation of Polymer Colloids"
Tr.J. Chemistry 14,215, (1990)
 23. M.A. Winnik, B.Disanayaka, Ö. Pekcan, and M.D.Croucher " Fluores_
cence Quenching Studies of Core and Stabilizer Labeled
Non-Aqueous Dispersions " *J.Coll.Inter. Sci.* 139,251 (1990)
 24. Ö. Pekcan and Y .Demir " ESR Studies of Solvent Penetration into
Polymer Blend-Like Material " *J.App.Poly.Sci.*43, 2169 (1991)
 25. M.A. Winnik, Ö. Pekcan, B. Disanayaka and M.D.Croucher "Interface
Structure in Polymer-Blend in the Precence of Selective
Solvents " *Israil J. Chemistry* 31,119,(1991) Special Issue
 26. Ö. Pekcan "Thermally Induced Small Molecule Diffusion into
Spherical Polymeric Particles during Film Formation"
Tr. J. Chemistry 294, 15, (1991)
 27. Ö. Pekcan " ESR Patern of Short Lived Host-Guest Triplet Pairs
in a Mixed Organic Crystal " *Tr. J. Chemistry* 16,1,(1992)
 28. Y. Kaptan, Ö. Pekcan and O. Guven " Determination of Diffusion
Coefficient of Oxygen into Polymers by Using ESR Spect_
roscopy ,II PVAc " *J. Applied Polymer Sci.* 44,1595 (1992)
 29. Ö. Pekcan "Cylinders Having Rough Surface of Nanometer Size in
Blend-Like Spherical Polymer Particle " *Acta Polymerica*
43,72,(1992)
 30. Ö. Pekcan "Fluorescence Study of Interpenetrating Network Morpho-
logy of Polymer Films " *Progress in Coll. Polym. Sci.*
90, 214, (1992)
 31. Ö. Pekcan "Indications of the Excluded Volume Effect in the Core
of a Polymer Colloid Particle " *Acta Polymerica* 43,199 (1992)
 32. Ö. Pekcan "Matrix Effect on Fluorescence Lifetimes in Blend
Like Polymer Particles " *European Polymer J.* 28,1303 (1992)
 33. O. Pekcan "Fluorescence Studies of Interpenetrating Network
Morphology of Polymer Film" *Physics of Polymer Networks,*
Progress in Coll. and Polym. Sci. 90, 214-221 (1992)
 34. Ö. Pekcan "ESM Method and Laplace Transform of Klfater-Blumen
Equation for DET Analysis in Polymer Blend Like Materials "
Dynamics in Small Confining Systems MRS, 290, 221-226(1993)
 35. Ö. Pekcan " Highly Swolen Rubbery Network in a Glassy Polymer
Particle " *European Polym. J.* 29,773,(1993)
 36. Ö. Pekcan "Inverted Kalfter-Blumen Equation for Fractal Analysis
in Polymer Particles " *Chem. Phys. Lett.* 20,198,(1992)
 37. Ö. Pekcan and M. Canpolat " Light Absorption Method to Study
Small Molecule Penetration into Non-Aqueous Dispersion
Particles " *J. Macromolecular Sci. Pure and Applied Chem.*
A30,271(1993)

38. Ö. Pekcan, M. Canpolat and A. Gocmen " Variation in Optical Density During Latex Film Formation; Interdiffusion of Fluorescence Labelled Polymer Chains " *Polymer* 34, 3319,(1993)
39. A. Giz and Ö. Pekcan " A Monte-Carlo Study of the Apparent Dimension of Finite Size Objects with Fractal and Regular Geometries" *J. Phys. Condens. Matter* 4, 8181 (1992)
40. Ö. Pekcan and M. Canpolat "Characteristics of Chain Diffusion During Latex Film Formation Using Steady State Fluorescence Technique " *European Polymer J.* 29,115,(1993)
41. Ö. Pekcan " Probing Interphase Domains in Blend Like Polymer Particle by Transient Fluorescence Technique *J. App. Polym. Sci.* 49,151,(1993)
42. Ö. Pekcan and Y. Demir " Spin Probe Studies of Non-Solvent Penetration into Polymer Particle Formed From Poly (vinyl acetate) and Poly (2-ethylhexyl methacrylate) "*J.App.Polym. Sci.* 49,1877,(1993)
43. Ö. Pekcan, Y.Demir and O.Guven "ESR Studies of Molecular Motions at the Interphase Region of Blend-Like Polymer Material" *J.App..Polym Sci* 52,1539,(1994)
44. A.T. Giz and O. Pekcan " Klafter-Blumen Apperent Dimension in a Randomized Sierpinski Carpet "Fractals in the Natural and App. Sci.IFIP Transactions A-Computer Sci. and Technology, 41, 175-182(1994)
45. Ö. Pekcan " Highly Swelled Network in Polymer Particle: An Application of Exponential Series Method " *Intern. J. of Polymer Matter.* 22,143,(1993)
46. A. Giz and Ö. Pekcan "Simulation of DET between Donors and Acceptors Embedded in a Rubbery Phase Network in Glassy Particles " *Intern. J. of Polymer Matter.*22, 155,(1993)
47. Ö. Pekcan "Lifetime Distribution Study on Evaluation of Dimensionality in Blend-like Polymer Film "Special Issue *Chem. Phys.*177,619 (1993)
48. Ö. Pekcan "Fluorescence Lifetime Distributions; Applications to High and Low Viscosity Media in Polymer Blend-like Particles " *Eur. Polym. J.* 32,117,(1996)
49. M. Canpolat and Ö. Pekcan "Healing and Interdiffusion Process at Particle - Particle Junction during Film Formation From High-T Latex Particles" *Polymer* 36, 2025,(1995)
50. M. Canpolat and Ö. Pekcan " The Effect of Solid Content on Latex Coalescence and Film Formation: Steady State Energy Transfer Study with Fluorescence Labelled Polymers " *J. App. Polym.Sci.*59, 11 (1996)
51. M. Canpolat and Ö. Pekcan " Measuring Backbone Diffusion Coefficient During Sintering of Fluorescence Labelled Polymer Particles" *Acta Polymerica* 48,326 (1997)

52. Ö. Pekcan, Y. Yılmaz and O. Okay " Fluorescence Tehnique for Stu_ dying the Sol-Gel Phase Transition in Free-Radical Crosslinking Copolymerization of Methyl Methacrylate and Ethylene Glycol Dimethacrylate " Chem. Phys. Lett. 229, 537,(1994)
53. M. Canpolat, A. Erzan and Ö. Pekcan " Reptation of Polymer Chain by Conformal Trasiitions in the Entangled Regime ", Phys. Rev. E 52 6 (1995)
54. Ö. Pekcan and M. Canpolat " Direct Fluorescence Technique to Study Crossing Density at Polymer - Polymer Interface During Film Formation from High-T Latex Particles" J. App. Polym.Sci. 59, 277 (1996)
55. Ö. Pekcan and M. Canpolat" Interdiffusion of Polymer Chains During Latex Coating " Polym. for Advance Technologies 5, 479, (1994)
56. Ö. Pekcan "Solvent Effect on Naphthalene Fluorescence Lifetimes at Swollen Glassy-Rubber Interphase Domains in polymer Particles " J.App.Polym.Sci. 57,25(1995)
57. Ö. Pekcan " Interdiffusion During Latex Film Formation " Trends in Polymer Science 2, 236, (1994) Review Article
58. Ö. Pekcan "Volume Changes and Relaxation within the interphase Domains of blend-Like Polymer Particles " J.App.Polym.Sci. 56, 1527 (1995)
59. Ö. Pekcan " Diffusion and Phase Relaxations Within the interphase Domain of Polymer Blend-Like Particles " J.App.Polym.Sci. 59, 521 (1996)
60. M. Canpolat and Ö. Pekcan " Healing and Photon Diffusion During Sin_ tering of High-T Latex Particles " J.Polym.Sci. Polm. Phys. ed. 34, 691 (1996)
61. Y. Yılmaz, Ö. Pekcan and O. Okay " In Situ Fluoresecence Measurements to Test the Reliability of Random Bond and Site-Bond Percolation Models during Sol-Gel Phase Transitions" Polymer 37, 2049 (1996)
62. M. Canpolat and Ö. Pekcan "Photon Diffusion Study in Films Formed From High-T Latex Particles "Polymer 36,4433,(1995)
63. O. Okay, H.J.Naghash and Ö. Pekcan " Critical Properties for Gela_ tion in Free Radical Cross-Linking Copolymerization " Macromol. Theory Simul. 4,967 (1995)
64. O. Pekcan and M. Canpolat "Steady State Fluorescence Method to Study Film Formation from High-T Latex Particles" ACS, 210 4- PMSE (1995)
65. O. Pekcan and Y. Yılmaz "Fluorescence Method to study Gelation Swelling and Drying Processes in Gels formed by Solution FRCC "Gels, Progress in Colloid and Polymer Sci. 102, 89-97 1996

66. Ö. Pekcan and M. Canpolat "Steady State Fluorescence Method to Study Film formation from Latex Particles having High Glass-Transition Temperature" Film Formation in Waterborne Coatings, ACS 648 64-78 (1996)
67. M. Canpolat and Ö. Pekcan " Photon Diffusion and Energy Transfer in Films Formed From High-T Latex particles " Polymer 38,2595 (1997)
68. Ö. Pekcan, M. Canpolat and D. Kaya "In Situ Fluorescence Study during Dissolution of Annealed Films Formed From High-T Latex Particles " J.App.Polym.Sci. 60,2105 (1996)
69. Ö. Pekcan and Y. Yilmaz, O. Okay "Determination of Reaction Activation Energy during Gelation in FCC by SSF Method ". J.App Polym. Sci. 61, 2279(1996)
70. K.S. Gunturk, A.T. Giz and Ö. Pekcan "Monte Carlo Simulations of Fluorescence Decay Profiles During Interpenetration of Donor and Acceptor Spheres " Eur. Polym. J. 34,789 (1998)
71. Ö. Pekcan and M. Canpolat " Void Closure by Viscous Flow During Coalescence of Hard Latex Particles " J. App. Polym. Sci. 63, 651(1997)
72. Ö. Pekcan and Y. Yilmaz " In situ Fluorescence Study on Swelling and Drying Kinetics of Poly(methyl methacrylate) Gels in Various Crosslinker Densities " Polymer 39,5351 (1998)
73. Ö. Pekcan, Y. Yilmaz and S.Ugur " In situ Fluorescence Study of Slow Release and Swelling Processes in Gels Formed by Solution FC Copolymerization " Polymer Int. 44,447(1997)
74. Ö. Pekcan and Y. Yilmaz " Fluorescence Method to Study Gelation Swelling and Drying Processes in Gels Formed by Solution Free Radical Copolymerization " Progress in Colloid and Polymer Sci. 102,89 (1996)
75. Ö. Pekcan, S. Ugur and Y. Yilmaz " Real Time Monitoring of Dissolution of Thin Polymer Disks Using Fluorescence probe " Polymer 38,2183 (1997)
76. Ö. Pekcan, Y. Yilmaz and O. Okay " Real Time Monitoring of Rate of Polymerization of Methylmethacrylate Using Fluorescence Probe " Polymer 38,1693 (1997)
77. Ö. Pekcan and Y. Yilmaz " Modelling of Swelling by Fluorescence Technique in Poly (methyl methacrylate) Gels Formed by Solution FCC " J. App. Polym. Sci. 63, 1777 (1997)
78. Ö. Pekcan and F.Kemeroglu "Photon Transmission Method for Studying Void Closure during Coalescence of Hard Latex Particles" J. App. Polym. Sci. 72,981(1999)
79. Ö. Pekcan and Y. Yilmaz "Determination of Activation Energy for the Number Average Degree of Polymerization Using Fluorescence Method " Turkish J. Chemistry 23,199(1999)
80. Ö. Pekcan and M. Canpolat "Fluorescence Method to Study Void

- Closure Process during Film Formation from High-T Latex Particles " J. App. Polym. Sci. 66,655 (1997)
81. K. S. Gunturk, A. T. Giz and Ö. Pekcan " Simulation of Interdiffusion in a Cubic Lattice Using Direct Energy Transfer Method For Latex Film Formation " Polymer 39,10 (1998)
 82. Ö. Pekcan and E. Arda " Real Time Monitoring of Latex Film Dissolution by UV-Visible Technique " J.App.Polym.Sci. 75,1075(2000)
 83. Ö. Pekcan, F. Kemeroglu and E. Arda " Photon Transmission Method for Measuring Segmental Activation Energy During Latex Film Formation " Eur. Polym. J. 34,1371 (1998)
 84. Ö. Pekcan and S. Ugur " Determination of Relaxation and Diffusion Activation Energies During Dissolution of Latex Films Using In Situ Fluorescence Technique " Polymer 38,5579(1997)
 85. Ö. Pekcan, M. Canpolat and E. Arda " Fluorescence and U.V. Techniques for Studying Neck Growth and Equilibration Processes During Latex Film Formation " Polym. Int. 47,451(1998)
 86. Y. Yilmaz A. Erzan and Ö. Pekcan "In Situ Fluorescence Technique for Determination of Critical Point During Sol Gel Transition " Phys. Rev. E 58,7487(1998)
 87. Ö. Pekcan and Y. Yılmaz "Probing the Swelling Kinetics in Polymer Gels by Fluorescence Technique " J. Luminescence 72-74,520 (1997)
 88. Ö. Pekcan "Interdiffusion during Latex Film Formation" trends in Polymer Sci. (Update Article) 5,177(1997)
 89. Ö. Pekcan , E. Arda K. Kesenci and E. Pişkin " Photon Transmission Technique for Studying Film Formation From Polystyrene Latexes Prepared by dispersion polymerization using Various Steric Stabilizers" J. App. Polym. Sci. 68, 1257 (1998)
 90. Ö. Pekcan , H. C. Giz and M. Çalışkan " In-situ Photon Transmission Technique for Studying Ageing Due to Multiple Swelling in Acrylamide Gels" Polymer Communication 39, 4453 (1998)
 91. Ö. Pekcan and S. Uğur "Solubility and Diffusion in Latex Films Formed From High-T Glass Transition Temperature Particles" J. App. Polym. Sci. 70,1493 (1998)
 92. Ö. Pekcan and S. Uğur " Comparison of Desorption and Mutual Diffusion Coefficients During Dissolution of Polymer Films" Polym. Int. 48,485(1999)
 93. Ö. Pekcan and E. Arda " Molecular Weight Dependent Changes With Time During Latex Film formation A Photon Transmission Study Polymer Int. 47,231(1998)
 94. Ö. Pekcan and E. Arda " Effect of Molecular Weight on Latex Film Formation ; A Photon Transmission Study" J. App. Polym. Sci. 70,339(1998)

95. E. Tüzel , M. S. Özmetin , Y. Yılmaz and Ö. Pekcan "A New Critical Point and Time Dependence of bond Formation Probability"
Eur. Polymer Jour. 36,727(2000)
96. O. Okay , D. Kaya and Ö. Pekcan " Free Radical Cross-linking Copolymerization of Styrene and divinyl benzene;Real time Monitoring of the Gel Effect Using Fluorescence Probe"
Polymer, 40, 6179(1999)
97. Ö. Pekcan, D. Kaya and O. Okay " Monitoring of Critical Opalescence during Gellation of styrene and divinyl benzene by Fluorescence" Eur. Polym. J..35,2025(1999)
98. O. Pekcan and S. Uğur " Latex Film Formation and Dissolution ; A Fluorescence Study "Macromolecular Symposia, 141,227(1999)
99. E. Arda , V.Bulmuş ,E. Piskin and O. Pekcan " Molecular Weight Effect on Latex Film Formation From Polystyrene Particles; A Photon Transmission Study " J.Coll.Interface.Sci 213,160 (1999)
100. Ö.Pekcan, E.Arda,V.Bulmuş and E.Pişkin "Photon Transmission Method For Studying Film Formation From Polystyrene Latexes With Different Molecular Weights " J.App.Polym.Sci. 77,866 (2000)
101. Ö. Pekcan , E. Arda ,K.Kesenci and E , Piskin " Effects of Ageing on Latex Film Formation from Polystyrene Particles;A Photon Transmission Study "J.App.Polym.Sci. 79, 2014 (2001).
102. Ö.Pekcan, D.Kaya and M.Erdoğan "Fast Transient Fluorescence Technique for Monitoring Swelling of Poly (Methyl Methacrylate) Gels" Polymer 41,1571(2000)
103. H.Özbek, S.Yıldız and Ö.Pekcan "Photon Transmission Technique for Studying Multiple Phase Transition in a Liquefied Crystal"
Phys.Rev.B) 59,6798 (1999)
104. Ö.Pekcan and Ş.Uğur, "Fast Transient Technique (FTRT) for Studying Dissolution of Polymer Glasses" J.App.Polym.Sci. ,74,948(1999)
105. Ş.Uğur and Ö.Pekcan "Pyrene Lifetimes for Monitoring Polymer Dissolution; A Fast Transient Fluorescence Study (FTRT)" Polymer 41,1571(2000)
106. Ö.Pekcan and E.Arda "Packing Effect on Latex Film Formation; A Photon Transmission Study" Polymer Int. 49,678(2000)
107. Ö.Pekcan, D.kaya and M.Erdoğan "Fast Transient Fluorescence (FTRF) Technique to Study Swelling of Densely and Loosely Formed Gels."
J. App. Polym. Sci. 76, 1494(2000)
108. Ö.Pekcan and M.Erdoğan "Effect of Molar Size on Swelling and Slow Release Processes of a Gel; A Fluorescence Study" Polymer Int . 49, 1641(2000)
109. Ö.Pekcan and Ş.Uğur "Oxygen Diffusion into Latex Films Annealed at Various Temperatures; A Fluorescence Study"
J.Coll. Interface. Sci., 217, 154(1999)

110. Ö.Pekcan and Ş.Uğur "Packing Effect on Oxygen Diffusion in Latex Films; A photon Transmission and Fluorescence Study" *Polymer* 41, 7531(2000)
111. H.Özbek, S.Yıldız, Ö.Pekcan, A.N.Berker "Smectic A-C-A Liquid Crystal Reentrance; A Photon Transmission Study" *Phase Transitions* ,75,301(2002)
112. E.Arda and O.Pekcan "Packing Effect on Latex Film Dissolution A UV- Visible Study" *J. Coll. Interface.Sci.*, 217,369(1999)
113. E.Arda and Ö.Pekcan "Latex Film Formation " *J. Coll. Interface.Sci.* 234,72(2001)
114. Ö.Pekcan and M.Erdoğan "Slow Release from Gels in Various Solvent; A Fluorescence Study" *Eur. Polym.J.*38, 1105(2002)
115. O. Pekcan and E. Arda " Latex Film Formation Study Using Photon Reflection " *Macromolecular Symposia* ,151,443(2000)
116. S. Kara and O. Pekcan " In situ Photon Transmission Technique _ for Monitoring Formation of Hydrogels in Realtime in Various Water Content" *Polymer* 41,6335 (2000)
117. O. Pekcan, D. Kaya and M. Erdogan " Fast Transient Fluorescence Technique for Monitoring Gelation in Free Radical Crosslinking Copolymerization " *Polymer* ,42,645(2000)
118. S. Kara and O. Pekcan " In Situ Real Time Photon Transmission Technique for Monitoring Formation of Polyacrylamide Gels in Various Crosslinker Contents " *J. App. Polym. Sci.* 80, 823 (2001)
119. S. Kara and O. Pekcan " Photon Transmission Technique for Monitoring Free Radical Crosslinking Copolymerization in Various Crosslinker Contents " *Polymer Com.* 41,3093 (2000)
120. O. Pekcan and E. Arda " Molecular Weight Effect on Void Closure and Packing During Film Formation From Hard Latex Particles " *Composite Interfaces* 7,331(2000)
121. E. Tuzel, B. Kisacikoglu and O. Pekcan " Simulation of Interdiffusion Between Compartments Having Heterogeneously Distributed Donors and Acceptors *Polymer*, 41, 7539(2000)
122. O. Pekcan, D. Kaya, and M. Erdogan " Fluorescence Quenching Method for Measuring Monomer Consumption Rates During Free Radical Crosslinking Copolymerization " *J.App.Polym.Sci.* 80, 1907 (2001).
123. O. Okay, Y. Yilmaz, D. Kaya, M. Keskinel and O. Pekcan " Heterogeneities During the Formation of Poly(sodium Acrylate) Hydrogels " *Polymer Bulletin* 43,425 (1999)
124. S. Kara, O. Okay and O. Pekcan " In situ Photon Transmission Technique for Monitoring Phase Separation in Realtime During Gelation " *Polymer Bulletin* 45,281(2000)
125. Y. Yilmaz, Y. Yagci and O. Pekcan " Excimer Study for Polymerization of Divinyl Naphthalene " *J.Macromol.Sci. Pure. Appl. Chem.* A 38(7),

741(2000)

126. S. Ugur and O. Pekcan " Fluorescence Technique to Study the Thickness Effect on Dissolution of Latex Films" J.App.Polym.Sci. 77, 1087(2000)
127. Ö. Pekcan and E. Arda "Void Closure and Interdiffusion in Latex Film Formation by Photon Transmission and Fluorescence Methods" Colloids and Surfaces A: Physicochemical and Engineering Aspects, 153,537-549(1999)
128. Ö. Pekcan and E. Arda "Packing Effect on Latex Film Formation and Dissolution" Subsurface Sensing Technologies and Applications II, SPIE 4129, 314-321(2000)
129. O.Pekcan "UV-Visible Technique for Studying Latex Film Formation and Dissolution "ACS, 204-PMSE 219, 495 (2000)
130. S. Yildiz, H. Ozbek, O. Pekcan and N.A. Berker " The A-C-A Reentrant Phase Diagrams of Mixed Liquid Crystal; A Photon Transmission Study "Int. J. Modern Physics B 15, 2161 (2001)
131. S. Kara and O. Pekcan " Photon Transmission Technique for Monitoring of Drying Processes in Acrylamide Gel Formed with Various Crosslinker Contents; A photon Transmission Study" J.App.Polym.Sci.8, 1898(2001)
132. S. Kara and O. Pekcan " Drying of heterogenous hydrogels formed with Various water contents: A photon transmission study" J., App Polymer Sci 82, 1944 (2001)
133. K. Aydin, S. Ugur and O. Pekcan " Effect of Gamma Irradiation on Latex Film Dissolution " J.Coll. And Interface Sci. 233, 91(2001)
134. M. Erdogan and O. Pekcan " Modelling of Swelling by Fast Transient Fluorescence Technique in a Polymeric Gel " J. Polym. Sci. Polym. Phys. 38,5,739 (2000)
135. M. Erdogan and O. Pekcan "Temperature Effect on Gel Swelling ; a FTRF Study" Polymer 42, 4973(2001)
136. O. Pekcan, D. Kaya and M. Erdogan "Experimental Determination of Gelation and Swelling Parameters Using FTRF Technique" Advances in Polym.Tech.22, 238 (2003)
137. O. Pekcan and S. Kara "Photon Transmission Technique for Monitoring Swelling of AAm Gels formed with Various Crosslinker Contents" Polymer 42, 10045 (2001)
138. O. Pekcan and S. Kara " Lattice Heterogeneties at Various Crosslinker Contents ; A Gel Swelling Study " Polymer Com. 41,8735(2000)
139. Ö. Pekcan and S. Kara " Two Stage Swelling of AAm Gels; A Photon Transmission Study" J. App.Polym.Sci. 82, 894 (2001).
140. Ö. Pekcan and D. Kaya "Monomer Consumption Rates during Gelation at Various Temperatures; A FTRF Study" J.App.Polym.Sci. 81, 3161 (2001)

141. E. Arda, F. Özer, E. Pişkin and Ö. Pekcan "Film Formation from Nano-size Copolymeric Latex Particles; A Photon Transmission Study" *J. Coll. Interface Sci.* 233,271(2001)
142. Ö. Pekcan and E. Arda "UV-Visible Technique for Studying Powder Coatings and their Dissolution" *J. Coatings Technology* 73, 51-60 (2001)
143. Ö. Pekcan and E. Arda "Viscous Flow, Healing and Interdiffusion at the Surface of Latex Film" *Int.J.Coating Sci.* 1, 12(2002)
144. Ö. Pekcan and E. Arda "Latex Film Formation Induced by Solvent Vapour A Photon Transmission Study" *Composite and Interfaces* 8, 1 83 (2001)
145. S. Yildiz, H. Özbek, N. Berker, Ö. Pekcan, Y. Hepuzer, Y. Yagci, G. Galli E. Chiellini "Comparative Study of Liquid Crystalline Ordering in Monomers, Linear Polymers and Graft Copolymers Via the Photon Transmission Technique" *Phase Transitions* 76,991 (2003)
146. K. Aydin, N. Adiyaman, Ş. Ugur and Ö. Pekcan "Dissolution of Latex Films After Gamma Ray Treatment" *J. App. Polym. Sci.* 83,129(2002)
147. Ö. Pekcan, N. Adiyaman and Ş. Ugur "Energy Transfer Method to Study Vapor Induced Latex Film Formation" *J. App. Polym. Sci.* 84,632 (2002)
148. Ö. Pekcan and E. Arda "Packing Effect on Latex Film Formation and Dissolution; A UV-Visible Study" *Designed Monomers and Polymers* 4, 239 (2001)
149. Ö. Pekcan and M. Erdogan "Gel swelling Induced by Organic Vapors; A Fast Transient Fluorescence Study" *J. Phys. Chem. b*, 106, 5351(2002)
150. S. Kara and Ö. Pekcan "In Situ Monitoring of Energy Release In Real Time During Gelation of Acrylamide" *Polymer* 42, 7411, (2000)
151. Ö. Pekcan and D. Kaya "Fast Transient Fluorescence Technique for Monitoring Free Radical Crosslinking Copolymerization of Styrene with Various Divinylbenzene Contents" *Polymer* 42, 7865 (2001)
152. S. Yıldız, Y. Hepuzer, Y. Yagcı, Ö. Pekcan "Swelling and Drying Kinetics of PTHF and PMMA-PTHF Gels; A Photon Transmission Study" *J. App. Polymer. Sci.* 87,632 (2003)
153. Ö. Pekcan and E. Arda "Site Percolation Model for Latex Film Formation in Soft Polymer Matrix" *J. Coll. Int.Sci.*,250,471(2002)
154. S. Kara and Ö. Pekcan "Real Time Monitoring of Temperature Variation and Optical Transmission During Gelation of AAm in Various Crosslinker Contents" *Comp.Interface.* 11, 67(2004)
155. E. Arda and Ö. Pekcan "Time and Temperature Dependence of Void Closure Healing and Interdiffusion during Latex Film Formation" *Polymer* 42, 7419(2001)
156. M. Erdogan and Ö. Pekcan "In Situ Fast Fluorescence Technique to Study Swelling of Gels made at Various Crosslinker Contents" *J. App. Polym. Sci.* 87,467 (2003)

157. B. Akkök, Ş. Uğur, and Ö. Pekcan "FTRF Technique for Studying Vapor Induced Latex Film Formation "J. Coll. Int. Sci. 246,348 (2002)
158. D. Kaya and Ö. Pekcan "FTRF Technique for Determination of Gelation Activation Energies in FCC "J. Phys. Chem.B, 106, 6961(2002)
159. S. Kara and Ö. Pekcan "Swelling of PAAm Gels Made at Various Onset Temperature; An Optical Transmission Study " Polym. Int.52, 676 (2003)
160. E. Tüzel, B. Kısacikoğlu and Ö. Pekcan "Monitoring Interdiffusion of Reptating Polymer Chains by DET; A Kinetic Monte Carlo Simulation " Macromolecular Theory and Simulations, 11678(2002)
161. Ö. Pekcan and D. Kaya "Gelation in Free Radical Crosslinking Copolymerization; A FTRF Study " Int. J. Photoenergy ,04,153(2002)
162. Y.Yılmaz, Ö. Pekcan and A. Erzan "Slow Regions Percolate Near Glass Transition " Eur.Phys.J. E 9,135 (2002)
163. B. Akkök, E. Arda and Ö. Pekcan "Molecular Weight Effect on Latex Film Formation Induced by Solvent Vapor "J. Coll. Int. Sci. 245,397 (2002)
164. Ö. Pekcan and S.Kara "Photon Transmission Technique to Study Phase Transition of PNIPA Gels " Int. J. Of Modern Phys. 18, 1717 (2004)
165. M. Erdogan, G. Hizal, Ü. Tunca D. Hayrabetyan and Ö. Pekcan "Molecular Weight Effect on Swelling of Polymer Gels in Homopolymer Solution ; A Fluorescence Study "Polymer Com. 43, 1925 (2002)
166. Ö. Pekcan and Ş. Uğur "Molecular Weight Effect on Polymer Dissolution ; A steady State Fluorescence Study "Polymer Com. 43,1937 (2002)
167. Ş. Uğur, B. Akkök and Ö. Pekcan "Dissolution of UV Cured Polymer Films ; A Fluorescence Study "Surface and Interface Analysis, 33,522 (2002)
168. D. Kaya,Ö. Pekcan and Y. Yılmaz " FTRF Technique to Study Critical Exponents at the Glass Transition " Phase Transition 76, 543 (2003)
169. S. Yıldız, H.Özbek, Ö. Pekcan., Y. Hepuzer, Y. Yağcı and G. Galli " Study of Phase Transitions in Liquid Crystalline Side Chain Polymer Via Photon Transmission Method " Materials Chem. And Phys. 78,318 (2002)
170. S. Yıldız, Y. Hepuzer, Y.Yağcı and Ö. Pekcan "Photon Transmission Technique for Studying Swelling and Drying Kinetics of Heterogeneous Gels Formed With Various Crosslinker Contents "Eur. Polymer. J 38,159 (2002)
171. M. Erdoğan, B. Yönel, and Ö. Pekcan "A Fast Fluorescence Technique for Studying Swelling of Gels Made at Various Crosslinker Contents and Exposed to Organic Vapor "Polym.Int. 51,757(2002)
172. B. Yönel, M. Erdoğan and Ö. Pekcan "FTRF Technique for Swelling of Gels in Solvent Mixtures " J. Macromol. Sci. Pure and App. Chem.A 40, 4387 (2003)

173. Ö. Pekcan and S. Kara "Photon Transmission Technique for Monitoring Formation and Swelling PAAm Gels" *Polymer Plastics Tech. Eng.* 41,573(2002)
174. Ş. Uğur and Ö. Pekcan "Swelling of Interpenetrating Networklike Particles in Soft Polymer Matrix" *J. Coll. Int. Sci.* 251,409(2002)
175. S. Kara and Ö. Pekcan "The Effect of Preparation Temperature on the Phase Transition of NIPA Gels" *Phase Transitions*, 76, 601 (2003)
176. Ş. Uğur and Ö. Pekcan "Percolation Cluster on Dissolving Polymer Film" *Polymer* 44, 2041 (2003)
177. S. Kara and Ö. Pekcan "Phase Transitions of NIPA Gels Prepared with Various Crosslinker Contents" *Matt.Chem. Phys.* 80,555 (2003)
178. S. Kara, O. Okay and Ö. Pekcan "Real Time Temperature and Photon Transmission Measurements for Monitoring Phase Separation During Formation of Poly(N-isopropylacrylamide) Gels" *J. App. Polym. Sci.*86, 3589(2002)
179. O. Güney, Y. Yılmaz and Ö. Pekcan "A New Approach a Chemosensor for Metal Ions Based on Fluorescence Quenching" *Sensors and Actuators* 85,86(2002)
180. S.Yıldız, E.Serhatli, Ö.Pekcan, N.Berker and H.Özbek "A Phase Diagram of Smectogen-Non Smectogen Binary Mixture; A Photon Transmission Study" *Int.Journal of Modern Physics B.* 16, 3959(2002)
181. Y. Yılmaz, D. Kaya and Ö. Pekcan "Can the Glass Transition in Bulk be Modelled by Percolation Picture?" *Eur. Physical Journal* 15, 19 (2004)
182. D. Kaya and Ö. Pekcan "Universal Behaviour of Glass Transition Exponents in Various Polymeric Systems" *Composite Interface* 12,501(2005)
183. M. Erdoğan and Ö. Pekcan "Swelling of Heteropolymer Gels in Good Solvent ; A Fast Transient Fluorescence Study" *Polymer*, 44,2129 (2003)
184. S. Kara, C. Tamerler, H. Bermek, Ö. Pekcan" Hysteresis on sol-gel and gel-sol Phase Transition of K-Carrageenan; A Photon Transmission Study" *Journal of Bioactive and Compatible Polymers* 18,33 (2003)
185. S. Kara, C. Tamerler, H., Bermek, Ö. Pekcan "Cation Effect on Sol-Gel and Gel-Sol Phase Transition of K-Carrageenan- Water System" *Int. Journal of Biological Macromolecules* 31,177 (2003)
186. Ö. Pekcan and Ş. Uğur "A Fluorescence Study on Dissolution of Polymeric Glasses Prepared in Various Molecular Weights" *Journal of Coatings Technology*, 75, 944, 55 (2003)
187. S. Kara, C. Tamerler, E. Arda, Ö. Pekcan " Photon Transmission Study on Swelling of K-Carrageenan Gels Prepared in Various Concentrations" *Int. J. Biological Macromolecules*, 33, 235 (2003)
188. S. Kara, C. Tamerler, Ö. Pekcan " Cation Effect on Swelling of K-Carrageenan ; A Photon Transmission Study" *Biopolymers*, 70, 240 (2003)
189. M. Erdogan, and Ö. Pekcan "Drying of Heterogels Swollen in Organic Organic Vapor" *Composite Interfaces* 10,547 (2003)

190. Ö. Pekcan and Ş. Uğur “Molecular Weight Effect on Swelling and Viscous Flow of Polymer Glass Exposed to Organic Vapor; A Steady State Fluorescence Study” . *Composite Interfaces*, 11, 411 (2004)
191. Ş. Uğur, A. Elaissari, Ö. Pekcan “Void Closure and Interdiffusion Processes During Latex Film Formation from Surfactant free Slightly Crosslinked Polystyrene Particles” *Journal of Coll. Inter. Sci.* 263, 674 (2003)
192. D. Kaya and Ö. Pekcan “A Fluorescence Study on Critical Exponents During Sol-Gel Phase Transitions in Complex Monomeric Systems” *Macromol. Sym.* 202,189 (2003)
193. D. Kaya and Ö. Pekcan “Comparison of Critical Parameters of Polymerization and Gelation Processes; A Fast Transient Fluorescence Study *Int.J.Mod.Phys.B* 19, 971(2005)
194. M. Erdoğan, Y.Hepuzer, I.Cianga, Y. Yagci and Ö. Pekcan “Diffusion of Pyrene End Capped Polystyrene Prepared Via Atom Transfer Radical Polymerization in Polystyrene Gel in the Presence of Toluene “ *J. Phys. Chem.*, 107, 8363 (2003)
195. Ö. Pekcan and Ö. Tari and “Fluorescence Study on the Gel-to-Sol Transition of K-Carrageenan “ *Int. J. Biomacromolecules* 34, 223-231 (2004)
196. M. Erdoğan and Ö. Pekcan “Fast Transient Method for Measuring Swelling and Drying Activation Energies of a Polystyrene Gel “ *Polymer* 45, 2551 (2004)
197. Ş. Uğur, A. Elaissari and Ö.Pekcan “Film Formation from Surfactant Free Slightly Crosslinked Fluoresceine Labelled Polystyrene Particles” *J. Coat.Technologies Research* 1, 4, 305 (2004)
198. M. Erdoğan, Y. Yagci, Ö. Pekcan “ Fast Transient Fluorescence Technique for Studying Homopolymer Mobility During Swelling of a Polymeric Gel “*Macromol. Chem. and Phys.* 205,456 (2004)
199. D. Kaya and Ö. Pekcan “Determination of Pre-gelation and Post-gelation Activation Energies during Free Radical Crosslinking Copolymerization” *Composite Interfaces* , 12, 395 (2005)
200. M. Erdogan and Ö. Pekcan “Comparison of Gel Swelling Under Organic Vapor and in Organic Solvent “*Int. Journal of Photo Energy*, 7, 37 (2005)
201. Ö. Pekcan and D. Kaya “Fast Fluorescence Technique for Studying Sol- Gel Phase Transition in Polymeric Mixtures “*Matt. Chem. Phy*, 85,137(2004)
202. Ş. Uğur, A. Elaissari and Ö. Pekcan “Film Formation from Nanosized Polystyrene Latex Particles” *Polym. Advanced Technologies*, 16, 405 (2005)
203. S. Kara and Ö. Pekcan “Photon Transmission Study on Conformational Ordering of I-Carrageenan in CaCl Solution “*J.Biomolecular Structure and Dynamics*, 22,747 (2005)
204. H. Özbek and Ö. Pekcan “ Critical Exponents of Thermal Phase Transitions In K-Carrageenan-Water System “ *J.Molecular Structure (Theochem)* 676, 19 (2004)
205. D. Kaya and Ö. Pekcan “Studying of Critical Exponents around the Glass Point

In Bulk Polymerization of Ethyl methacrylate by Using Fluorescence Technique "Phase Transitions 77,359 (2004)

206. Ö.Tarı and Ö. Pekcan "A Percolation Approach For Investigating Sol-Gel Phase Transition of K-Carrageenan; A Steady State Fluorescence Study" Bioactive and Compatible Polymers 19,491 (2004)
207. S. Kara and Ö. Pekcan "Cation Effect on Thermal Phase Transitions of I-Carrageenan ; Photon Transmission Study " J. Biomat. Sci. Polym. Ed. 16,317 (2005)
208. S. Kara and Ö. Pekcan "Molecular Recognition during Sol-Gel and Gel-Sol Transitions of Kappa-Iota Carrageenan Mixtures" Phase Transition " 78, 915(2005)
209. Ş. Uğur and Ö. Pekcan "Time Evaluation of Film Formation from Polystyrene Particles; A Percolation Approach "Colloid and Polymer Science 284, 309(2005)
210. Ş. Uğur and Ö. Pekcan "Percolation Approach to Film Formation From Surfactant Free Polystyrene Particles "Phase Transition 78,593(2005)
211. Ş. Uğur and Ö. Pekcan "The Effect of Annealing Temperature on Latex Film Dissolution " J.Coll. Int. Sci. 277,359 (2004)
212. D. Kaya, Ö. Pekcan and Y. Yılmaz "Direct Test of Critical Exponents at the Sol-Gel Transitions " Phys. Rev. E 69,016117-1(2004)
213. S. Yıldız, Ö. Pekcan, A.N. Berker and H. Özbek "Scaling of Thermal Hysteresis at Nematic- Smectic A Phase Transition in a Binary Mixture " Phys. Rev. E 69,031705 (2004)
214. D. Kaya and Ö. Pekcan "Fast Transient Fluorescence Technique for Studying Sol-Gel Phase Transition in Polymeric Mixtures "Matt. Chem. and Phys. 85,137 (2004)
215. D. Kaya, Ö. Pekcan and Y. Yılmaz "Sol-Gel Phase Transition in Polyacrylamide Gels by Using Fluorescence Technique " Prog. Coll. Polym. Sci. 128, 1-9 (2004)
216. Ş. Uğur and Ö. Pekcan "Dissolution of Percolation Cluster on UV- Cured Polymeric Films; A Fluorescence Study " Prog. Coll. Polym. Sci. 128, 92 (2004)
217. Ö. Pekcan and E. Arda "Fluorescence Methods for Latex Film Formation " Chapter in Stimuli-Responsive Polymer Film and Coatings ACS Sym. Series 912, 137-165 (2004)
218. D. Kaya, Y. Yılmaz and Ö. Pekcan " Sol- Gel Transition in PAAm Gels by Using Fluorescence Technique "Surface and Colloid Science, Colloid and Polymer Sci. 128, 255-263 (2004)
219. Ö. Pekcan and Ş. Uğur "Dissolution of Percolation Cluster on UV-cured Polymeric Films; A Fluorescence Study" Surface and Colloid Science, Colloid and Polymer Sci. 128, 92-97 (2004)
220. Ş. Uğur, A. Alemdar and Ö. Pekcan "Films Formed from Polysterene / Clay Composites; A Fluorescence Study" Coatings Tech. Research 2, 565 (2005)

221. D. Kaya, M. Erdoğan and Ö. Pekcan “Molecular Alignment During Gel Formation from Methyl(Methacrylate); An Excimer Fluorescence Study “Phase Transition, 2,387 (2005)
222. Ş. Uğur, E. Pehlivan, F. Tepehan and Ö. Pekcan “Ceramic Encapsulated Latex Composites “ J. Coll. Int. Sci. 295,457(2006)
223. Ş. Uğur, O.U. Salman, F. Tepehan, G. Tepehan and Ö. Pekcan “Fluorescence Studies on Al₂O₃- Polysterene Composite Latex Film Formation “ Polymer Composites, 26,352 (2005)
224. Ş. Uğur, F. Tepehan and Ö. Pekcan “Dissolution of Al₂O₃- Polysterene Latex Composite Films; A Fluorescence Study “ Composite Interfaces 12,411(2005)
225. Ş. Uğur and Ö. Pekcan “Small Molecule Desorption from a Swelling Polymeric Glass in Polymer Solution; Energy Transfer Method” Material Chemistry and Physics, 92,269 (2005)
226. Ş. Uğur and Ö. Pekcan “Film Formation from Pure and Mixed Latexes; Transient Fluorescence Study “J. Colloid and Interface Science 291,405 (2005)
227. Ş. Uğur and Ö. Pekcan “ Effects of Annealing on Morphology of Polymer /Polymer (PS/ PMMA) Blend; A Fluorescence Study “ J.App.Polym.Sci. 100,2104(2006)
228. M. Erdoğan and Ö. Pekcan “Reordering of Polysterene Gels Due to Multiple Swelling in Organic Vapor;A Fast Transient Study” J. Photochemistry and Photobiology, A Chemistry 181,394(2006)
229. Ş. Uğur and Ö. Pekcan “Small Molecule Desorption Prior to Dissolution of Polymeric Glass “Journal of App. Polymer. Sci. 101,908 (2006)
230. S. Kara, E Arda,B. Kavzak and Ö. Pekcan “ Phase Transitions of K-Carrageenan in Various Types of Salts “ J.App. Polym. Sci. 102, 3008(2006)
231. S. Yıldız, F. Yılmaz, H. Özbek, Ö. Pekcan, K. Ito and Y. Yagcı “ Synthesis and Liquid Crystalline Behaviour of Random Copolymer of Poly(ethylene oxide) Macromonomer and Liquid Crystalline Monomer by the Photon Transmission Technique” J. Macromol. Sci. 42, 1573(2005)
232. H. Özbek and Ö. Pekcan “Critical Behavior of Thermal Phase Transitions of Iota-Carrageenan in CaCl₂ “Physica A 367, 69 (2006)
233. D. Kaya, G.A. Evingür and Ö. Pekcan “Universal Behaviour of Gel Formation fromAcrylamide-Carrageenan Mixture around the Gel Point; A Fluorescence Study” J. Biomol. Structure and Dynamics 24,83(2006)
234. S. Kara, E. Arda, A. Saraç and Ö. Pekcan “Film Formation Stages For Polyvinyl Acetate Latex Particles: A Photon Transmission Study “ Coll. Polym. Sci. 284, 1097 (2006)
235. Ş. Uğur,A. Alemdar and Ö. Pekcan “The Effect of Clay Particles on

Film Formation from Polystyrene Particles “Polymer and Polym. Composites, 27,299 (2006)

236. Ş. Uğur, A. El Assar, S. Sunay, F Tepehan and Ö. Pekcan “Film Formation from Nano-Sized Polystyrene Latex Covered with Various Ti O Layers” Polymer Composite 27,651(2006)
237. D. Kaya and Ö. Pekcan “Studying of Critical Behaviour in NIPA Gels by Using Fluorescence Technique “Phase Transitions 79,921(2006)
238. E. Arda, S. Kara, A. Saraç Ö. Pekcan “Vapor Induced Film Formation From Low -Tg Particles In Different Solvents Compositions“ J.Coll. Interface Sci.297, 1097(2006)
239. G. A. Evingür, K. Karşlı and Ö. Pekcan “Monitoring Small Molecule Diffusion into Hydrogels at Various Temperatures by Fluorescence Technique” International Journal of Pharmaceutics 326, 7(2006)
240. Ş. Uğur, A. Elaissari, Ö. Yargı and Ö. Pekcan “Reversible Film Formation from Nano-Size PNIPAM Particles below Glass transition” Coll. and Polymer. Sci.285, 423 (2007)
241. Ö. Pekcan ,S. Kara, and E. Arda “ Cation Effects on Phase Transition of Kappa-Iota Carrageenan Hybrids: A Photon Transmission Study “ Composite Interface 14, 1(2007)
242. Ö. Tarı and Ö. Pekcan “Swelling Activation Energies of K-Carrageenan in its Gel State “Journal of App. Polymer Sci.106, 4164(2007)
243. Ş. Uğur, S. Sunay, F. Tepehan and Ö. Pekcan “Film Formation From Ti O-Polystyrene Latex Composites: A Fluorescence Study” Composite Interface 14,243(2007)
244. Ö. Tarı and Ö. Pekcan “Universality of Sol-Gel Transition of K- Carrageenan in Various Salts; A Steady State Fluorescence Study “Phase Transitions 80,799(2007)
245. E.Arda, S. Kara and Ö. Pekcan “Monovalent and Bivalent Cation Effects on Phase Transition of I-Carrageenan” J.Bio. and Compt. Polym.22,42 (2007)
246. D.A. kaya, G.A. Evingür and Ö. Pekcan “Study on Swelling of PAAm Hydrogels at Various Temperatures by Using Fluorescence Technique “ J. Matt. Sci. 42, 8481(2007)
247. E. Ataman and Ö. Pekcan “Small Molecule Diffusion into Swelling Iota- Carrageenan Gels; A Fluorescence Study “ J. Biomol.Struc. and Dyn. 24,1(2007)
248. E. Ataman and Ö. Pekcan “Small Molecule Sorption and Desorption in and out of Iota-Carrageenan Gels “ J. Macromol. Sci. Physics Part B 46,705(2007)
249. D. kaya, G. Evingür and Ö. Pekcan “Drying of PAAm Hydrogels at Various at Temperatures; A Fluorescence Study “ J.Macromolecular Sci.; Phys. Part B 46,581(2007)

250. G.A.Evingür, K. Karşlı and Ö. Pekcan “Studying on the small molecule diffusion into hydrogels; A Fluorescence Study “ VI International Conference of the Balkan Physics Union, Book Series AIP, Vol. 899, 761(2007)
- 251.Ş.Uğur, Ö. Yargı and Ö. Pekcan “Reversible Film Formation From Polystyrene Doped PNIPAM Particles in Various Compositions “ Polymer Composites 29,179(2008)
252. M. Erdoğan, Y. Yagci, and Ö. Pekcan “Slow Release of Trapped Homo-Polymers from a Swollen Polymeric Gel; fluorescence Study” J. Macromol. Sci. Part B, 47,942(2008)
253. Ö. Tari and Ö. Pekcan “Study of Drying of K-Carrageenan at Various Temperatures using Fluorescence Technique“Drying Technology.
254. Ş. Uğur, Ö. Yargı and Ö. Pekcan “Film Formation from PS Latex Doped PNIPAM Hydrogels at Various Heating and Cooling Rates“Composite Interfaces, 15,411 (2008)
255. E. Arda, S. Kara and Ö. Pekcan “A Photon Transmission Study for Film Formation From PVAc latex Particle with Different Molecular Weight” J. Polym. Sci. B: Polym. Phys. 45, 2918 (2007)
256. G.A. Evingur, K .Karşlı, Ö.Pekcan “Small molecule sorption and Desorption in and out PAAm hydrogels at various temperatures” Drugs of the future 32: 75-76 Suppl. A (2007)
257. Tari O, Pekcan O “ Slow release from carrageenan gels at various temperatures “Drugs of the future 32: 76-76 Suppl.A (2007)
258. G.A. Evingür and Ö. Pekcan “Sorption and Slow Release Kinetics of PAAm Gels at Various Temperatures “ J. Polymer Engineering, 27, 8,583-595 (2007)
259. Ş. Uğur, E.Günister, Ö.Yargı and Ö. Pekcan “Polysterene Latex /Na-Montmorillonit Nanocomposite Film Formation “Applied Clay Science 42,39-49(2008)
260. E. Arda, S. Kara and Ö. Pekcan “Effect of Annealing Rate on Film formation From PVAc Latex Particles “ Composite Interfaces 15,19(2008)
261. Ö. Tari and Ö. Pekcan “Cation Effect on Gel-Sol Transition of K- Carrageenan “Polymer Bulletin 60,569(2008)
262. Ö.Tari and Ö. Pekcan “Temperature effect on Drying and Swelling of K-Carrageenan Gels: A Steady State Fluorescence Study “Macromol. Symp. 265, 37(2008)
263. Ö. Tari and Ö. Pekcan “Swelling of Iota-Carrageenan Gels Prepared With Various CaCl₂ Content; A Fluorescence Study “e-Polymer 001,1(2008)
264. Z. Doğruyol, N. Arsu and Ö. Pekcan “Universality of Glass formation From Epoxy Acrylate with Various Photoinitiators ; A Photo-DSC Study” Phase Transitions 81,935-947(2008)

265. G. Evingür, K. Karşlı, Ö. Pekcan “In-situ Fluorescence Study of Swelling Sorption and Desorption Processes in and out of PAAm Gels” *Macromol. Symp.* 265,100 (2008)
266. E. Arda, S. Kara and Ö. Pekcan “Synergistic Effect of Locust Bean Gum on Phase Transitions of K- Carrageenan “Food Hydro Colloid 23,45(2009)
267. G. Evingür, D. Kaya and Ö. Pekcan “Steady State Fluorescence Technique for Studying Phase Transitions in PAAm- PNIPAM Mixtures” *Phase Transitions* 82,53 (2009)
268. D. Kaya, G. Evingür and Ö. Pekcan “A Fluorescence Study on Swelling of Hydrogels (PAAm) in Various Crosslinker Contents” *Advances in Polymer Technology* 28,215(2009)
269. G Evingür, D.K. Aktas and Ö. Pekcan “In-situ Fluorescence Technique to Study Drying of PAAm Hydrogel Made of Various Crosslinker Contents” *Chemical Engineering and Processing* 48,600-605(2009)
270. Ö. Tari and Ö. Pekcan”Critical Exponents of Thermal Phase Transitions of Kappa Carrageenan in Various Salt Solutions” *Macromol. Symposia*, 281 160-167 (2009)
271. G. Evingür, D.K. Aktaş and Ö. Pekcan” Phase Transitions in pure And Hybrid Hydrogels: A Fluorescence Study” *Macromol. Symposia*, 281 150-159 (2009)
272. Ş. Uğur, Ö. Yargı, and A. Elaissari Ö. Pekcan “Oxygen Diffusion into Polymer- Clay Composite Films as a Function of Clay Content and Temperature”*Macromol. Symposia*, 281 168-173 (2009)
273. Ş. Uğur, Ö. Yargı, and Ö. Pekcan “Oxygen Diffusion into PS-Clay Composites in Various Compositions “*Applied Clay Science* 43,447(2009)
274. Z. Doğruyol, N Arsu and Ö. Pekcan “Critical Exponents of Photo Initiated Gelation at Various Light Intensities” *J. Macromol. Sci. Part B Physics* 48, 745-754 (2009)
275. Ö. Tari, S. Kara and Ö. Pekcan “Critical Exponents of Kappa Carrageenan in the Coil-Helix and helix-Coil Hysteresis loops” *J. Macromol. Sci. Part B Physics* 48, 812-822 (2009)
276. G.A. Evingür and Ö. Pekcan “ Fluorescence Technique for monitoring Swelling of PAAm-Kcarrageenan Gel Composites” *OPTIMESS* 151-159 (2009)
277. G. Evingür, D.K. Aktaş and Ö. Pekcan “Critical Exponents of Conductivity and Gelation in Polyacrilamide Gels Doped by Multiwalled Carbon Nano Tubes ” *Composite Interface* 17,301(2010)
278. S. Kara, E Arda, F Dolaştır and Ö.Pekcan “Electrical and Optical Percolation of Latex-Multiwall Carbonnanotube Composites” *J. Coll.Interface. Sci* 344,395(2010)
279. M. Erdoğan and Ö. Pekcan “Drying Process in Swollen Heterogels”

Polymer Bulletin 64,667(2010)

280. S. Yıldız, E. Özkan, Ö. Pekcan and H. Özbek “The Effect of Surfaces on the Orientational Properties and Phase Transition Peculiarities of a Nonpolar Smectogen “Int.J.Modern Physics B 24(22), 4305 (2010)
281. Ö. Yargı, Ş. Uğur and Ö. Pekcan” Temperature Dependence of Oxygen Diffusion into Clay Doped PS Films” Polymer Composites 77(2010)
282. Ö. Yargı, Ş.Uğur, Ö. Pekcan “Conductivity Percolation of Carbon Nanotubes(CNT) in Polystyrene(PS) Latex Film” Can. J. Chem. special issue for Prof. M. A. Winnik 88,267(2010)
283. Ö. Tari, S. Kara and Ö. Pekcan “Comparison of Cation Effects on Phase Transitions of Kappa and Iota Carrageenans” e-Polymer 083 (2010)
284. Ş.Uğur,M.S. Sunay,A.Elaissari and Ö. Pekcan “Particle Size Effect on Film Formation Processes of PS/PBA Composite Latexes” Polymer Composites 31, 1637(2010)
285. Ş.Uğur,S. Sunay and Ö. Pekcan “Film formation of Nano-sized Hard Latex in Soft Polymer Matrix; an Excimer Study” Polymer Composites 31, 1611 (2010)
286. G. Evingür and Ö. Pekcan “The Role of pyranine in Characterization of PAAm-kC composites by using Fluorescence Technique” J. Fluorescence 21, 865(2011)
287. Ö. Tari and Ö. Pekcan “Fluorescence Study on Drying of Iota-Carrageenan Gels at Different Temperatures Prepared with Various CaCl₂ solutions” polymer Bulletin, 66,529(2011)
288. Ö. Tari, S. Kara and Ö. Pekcan “Study of Thermal Phase Transitions In Iota Carregeenan Gels via Fluorescence Technique” J. App. Polym. Sci. 121, 2652 (2011)
289. Ö. Tari, S. Kara and Ö. Pekcan “Thermal Phase Transitions of Iota Carregeenan in CaCl₂ Solution; A Fluorescence Study”J.Macro. Sci. Part B Physics, 50,306(2011)
290. Ö.Tari and Ö. Pekcan ”Modelling of Swelling by the Fluorescence Technique in Kappa Carrageenan Gels “Eds. MH Aslan; AY Oral; M Ozer; Advances in Applied Physics and Materials Science (APMAS) Antalya, TURKEY, MAY 12-15, 2011
291. G. Evingür and Ö. Pekcan “Swelling kinetics of PAAm-K-carregeenan Composites:A Fluorescence technique” J. Macro. Sci. Part B 50, 1591 (2011)
292. G. Evingür and Ö. Pekcan “Drying of polyacrylamide Composite gel Formed with Various Kappa- carrageenan” J. Fluorescence 21, 1531 (2011)
293. Ş. Uğur, Ö. Yargı ,Y.Y. Durmaz, B. Karagoz, N. Bicak, Y. Yağcı and Ö. Pekcan “Film Formation of Poly (methyl metacrylate) Latex with Pyrene Functional Poly (divinylbenzene) Microspheres

Prepared by Click Chemistry” Polymer Composites, 32,869(2011)

294. G. Akın Evingür, Ö. Pekcan “Gelation, Electrical Conductivity and Elasticity of PAM-MWNT” MRS, Polymer-Based Nanocomposites, Online Cambridge Journals 1312 (2011)
295. Z. Doğruyol, N. Arsu and Ö. Pekcan “Critical Phenomenon during Photo initiated Gelation at Different Temperatures; A Photo Differential Calorimetric Study” Progress in Organic Coatings 72, 763-768 (2011)
296. S. Kara, E. Arda, F. Dolacı and Ö. Pekcan “ Thermal Phase Transitions of Agarose in Various Compositions; A Fluorescence Study” J. Fluorescence ,21, 1871 (2011)
297. Ş.Uğur, Ö. Yargı and Ö. Pekcan “Percolation and Film formation Behaviours of MWNT/PS Nanocomposites” Procedia Engineering 10,1709(2011)
298. G. Evingür and Ö. Pekcan “Energy Needs for Drying of PAAM-Kappa Carrageenan(K-C) Composites with Various K-C Contents” e-Polymer 054,1(2011)
299. G. Evingür and Ö. Pekcan” Studies on Drying and Swelling of PAAM-NIPA Hybrid Gels in Various Compositions” Polymer Composites 32,928(2011)
300. Ş. Uğur, Ö. Yargı and Ö. Pekcan “Diffusion Energies of Oxygen Diffusing into PS/ PNIPAM Composites” Polymer for Advance Technologies, 23,776(2012)
301. G. Evingür and Ö. Pekcan” Temperature Effect on the Swelling of PAAM-Kappa Carrageenan Composites” J. App. Polym. Science 123,1746(2012)
302. Ö. Yargı, Ş. Uğur and Ö. Pekcan “Temperature Dependence of Oxygen Diffusion into Polymer/ Carbon nano tube Films” Polym. Eng. Sci. 52,172 (2012)
303. G. Evingür and Ö. Pekcan “Effect of LCST on the Swelling of PAAM-NIPA Composites; A Fluorescence Study” Polym. Bull. 68,223 (2012)
304. G. Evingür, F Tezcan B. Berker and Ö. Pekcan “Monitoring the Gelation of PAAM-Sodium Alginate Composite by Fluorescence Method” Phase Transitions 85,530(2012)
305. Z. Doğruyol, N. Arsu and Ö. Pekcan “Producing Critical Exponents from Gelation for Various Photo initiator Concentrations; A Photo Differential Scanning Calorimetric Study”Progress in Organic Coatings 74,181(2012)
306. G. Evingür and Ö. Pekcan “Elastic Percolation of a Swollen PAAM-MWCNT Composites” Phase Trans. 85,553(2012)
307. G. Evingür and Ö. Pekcan “Temperature Effect on Elasticity of Swollen Composites formed from PAAM-MWCNT” Engineering 4,619 (2012)

308. S. Kara, Y. Yagcı, B. Gacal, D. Tunç and Ö. Pekcan “Sorption and Desorption of PVA Chains Into Agorose Gel Prepared in Various Concentrations” *J. Fluorescence*, 22, 1073 (2012)
309. G. Evingür and Ö. Pekcan “PAAm-Kappa Carrageenan Composite; Drying and Swelling with Various Kappa Carrageenan Contents” *Acta Physica Polonica* 121,169(2012)
310. A. H. Bilge, Ö. Pekcan and M.V. Gürel “ Application of Epidemic Models to Phase Transitions” *Phase Transitions* , 85,1009(2012)
311. Ö Pekcan and S. Kara “Gelation Mechanisims” *Mod. Phys. Letter B (IJMPB)* 26,27,1230019-1(2012)
312. G. Evingür and Ö. Pekcan “Monitoring of Dynamical Processes in PAAM-MWNT Composites by Fluorescence Method” *Adv. Comp. Matt.* 21,193 (2012)
313. M.S. Sunay, Ö. Pekcan and Ş.Uğur “ The Effect of Film Thickness and TIO₂ Content on Film Formation From PS/TiO₂ Nanocomposites Prepared by Dip-Coating Method” *Journal of Nano Materials*, 1-17 (2012)
314. Ö. Yargı, Ş.Uğur, Ö. Pekcan” Fluorescence Quenching Method for Monitoring Oxygen Diffusion into PS/CNT Composite Films; A Fluorescence Study” *Progress in Organic Coatings* 16, 1805(2013)
315. G. Evingür and Ö. Pekcan “Drying of PAAM-MWNT Composites With Various MWNT Contents: A florescence Study” *J.Polym. Eng.* 33(1), 33-39 (2013)
316. G. Evingür and Ö. Pekcan” Investigation of Drying of PAAM-NIPA Composites by Fluorescence Technique” *Adv. Polym.Tech.* 32, S1, E231-240(2013)
317. Z. Doğruyol, G. Temel, S. Doğruyol , N. Arsu and Ö. Pekcan “Investigation of Pst-MWCNT Concentration on Epoxyacrylate Photo polymerization and the Conductivity of Polymer Films” *Progress in Organic Coatings* 76(6), 944(2013)
318. E. Arda, S.Kara and Ö. Pekcan”Electrical Optical and Fluorescence Percolation in PVAc-BuA/ MWCNT Composite Films” *Phase Transitions* 86(2013)
319. Ö. Yargı, Ş. Uğur and Ö. Pekcan” Oxygen Diffusion into MWCNT doped PS Latex Film Using Fluorescence Technique” *J. Fluorescence* 23,357-366(2013)
320. A. H. Bilge, Ö. Pekcan “Mathematical Description of the Critical Point in Phase Transitions” *Int. J. Modern Phys.* 24(10) 350065(1-9)(2013)
321. G. Evingür and Ö Pekcan “Superelastic Percolation Network of PAAM- Kappa Carrageenan Composites” *Cellulose* 20, 1145-1151(2013)
- 322.,M.S. Sunay,M. Rahman, A.Elaissari and Ö. Pekcan, Ş.Uğur “ Spectroscopic study of film formation from PS Latex/ TiO₂ Nanocomposites Prepared by Dip-Coating Method”

Polym. Eng. Sci. 54,288-302(2014)

323. Ö. Yargı, Ş. Uğur and Ö. Pekcan “Polymer/Carbon Nanotube Composite Film formation; A fluorescence Study” *Polymer Composites*, 35, 817 (2014)
324. H. Kaygusuz, B. Erim, Ö. Pekcan and G. Evingür “Cation Effect on Slow Release From Alginate Beads; A Fluorescence Study” *J. Fluorescence* , 2, 161 (2014)
325. Ş. Uğur, M.S. Sunay, and Ö. Pekcan “Study of Film formation from PS Latex/ TiO₂ Nanocomposites; Effect of Latex Size and TiO₂ Content” *Polymer Composites* , 35, 2376 (2014)
326. Ö. Pekcan Ş. Uğur, M.S. Sunay, “ Fluorescence Study of film formation from PS / Al₂O₃ Nanocomposites” *Progress in Organic Coatings* , 77,1554 (2014)
327. C. Saçlıoğlu, Ö. Pekcan and V. Nanjundiah “Group Behaviour in Physical Chemical and Biological Systems” *J. Bio. Sciences* , 39,2, 177- 189 (April 2014)
328. G. Evingür, Hakan, B. Erim and Ö. Pekcan” Gelation of PAAm-PVP Composites; A Fluorescence Study” *Int. J. Mod. Phys. B* 28,1450122 (2014)
329. G. Evingür, H. Kaygusuz, B. Erim and Ö. Pekcan” The Effect of Calcium Ion Concentration on Small Molecule Desorption from Alginate Beads ” *J. Macromolecular Sci. Part B*, 53,1157 (2014)
330. G. Evingür and Ö. Pekcan “The Effect of MWNT on the Behaviour of Swelling in PAAm-MWNT Composites” *J. Reinforced Plastic and Composites* 33(13)1199 (2014)
331. G. Evingür and Ö. Pekcan “Elastic Properties of a Swollen PAAm-PNIPA Copolymer with Various NIPA Content” *Polymer. Plastic Technology and Engineering*, 53,834-839 (2014)
332. Z. Doğruyol, N. Arsu, S. Keskin Doğruyol and Ö. Pekcan “Percolation of Glassy Regions during Polymerization of Epoxy Acrylate in Dimethylformamide “ *Prog. Org. Coat.* 80, 59-64 (2015)
333. G. Evingür and Ö. Pekcan” Universality of Elasticity in PAAm-PNIPA Copolymer” *European Physical Journal App. Phys.* 69, 11201(2015)
334. G. Evingür and Ö. Pekcan “Kinetic Models for the Dynamical Behaviour of PAAm-Kappa Carrageenan Composites” *Biological Physics*, 41, 37-47 (2015)
335. S. Kara, E. Arda, O. Bahadır Mergen and Ö. Pekcan “Comparison of Fluorescence and UV-Visible Spectroscopic Techniques for Thermal Phase Transitions of Agarose Gels” *Polym. Bull.* 72, 157 (2015)
336. Ş. Uğur, M.S. Sunay and Ö. Pekcan “Fluorescence Study of the Effects of Particle Size in PS/ Al₂O₃ Nanocomposites Films” *Plastic, Rubber and Composites* 44,4,129-141(2015)
337. A.H. Bilge and Ö. Pekcan “A Mathematical Characterization of the Gel Point in Sol-Gel Transition” *Journal of Physics* 574, 012005 (2015)

338. Ö. Yargı, Ö. Pekcan and Ş. Uğur “Measurement of Oxygen Diffusion in PS/PNIPAM Composites Films Using Fluorescence Quenching” *Plastic, Rubber and Composites* 44, 4,189(2015)
339. G. Evingür and Ö. Pekcan “Elasticity Study of PAAm- Kappa Carrageenan Composites prepared in various Kappa Carrageenan Content and Measured at Several Temperatures” *Acta Physica Polonica*, 128,3 331(2015)
340. Ş.Uğur, M.S. Sunay, and Ö. Pekcan” Fluorescence Study of the film Formation from PS Latex-TiO₂ Composite; Effects of TiO₂ Content, Film Thickness and Particle Size” *Journal of Colloid Science and Biotechnology* 4 (2), 117-132(2015)
341. İ. E. Özyiğit, E. Karakuş and Ö. Pekcan” The Modifier Effects of Trypsin and Chymotrypsin on Fluorescence Life Time Disribution of “N-(Pyrenyl) melamide- Bovine Serum Albumin” Complex” *Spectrochimica Acta , Part A Molecular and Biomolecularspectra*, 154,8-12 (2016)
342. İ. E. Özyiğit D. Akyön and Ö. Pekcan” Structural Analysis of Peptide Fragments Following the Hydrolises of Bovine Serum Albumine by Tripsin and Chymotripsin “ *J. Biomolecular Structure and Dynamics*, 34(5), 1092-1100(2016)
343. G. Evingür, H. Kaygusuz, B. Erim, Regie Von Klitring and Ö. Pekcan “Surfactant and Metal Ion Effects on the Mechanical Properties of Alginate Hydrogels “ *Int. J. Of Biomacromolecules* 92, 220-224 (2016)
344. G. Evingür and Ö. Pekcan “Elastic Properties of a Swollen PAAm Gel with Various MWCNT Contents” *Materials Testing* 59,5,485(2017)
345. A.H. Bilge, **O . Pekcan**, S. Kara, S. Ogrenci “Epidemic models for phase Transitions; Application to Physical Gel” *Phase Transitions* 90,9, 905 (2017)
346. G. Evingür and Ö. Pekcan “Effect of Temperature on the Elasticity of Swollen PAAm-PNIPA Copolymer” *J. Macromolecular Sci. Part B. Phys.* 57,2,168-175 (2018)
347. Arda, Ö. B. Mergen and **Ö. Pekcan**” Electrical and optical percolations in PMMA/GNP composite films” *Phase Transitions* 91, 5, 546-557(2018)
348. G. Evingür and **Ö Pekcan** “Mechanical Properties of GO-PAAm Composite Before and After Swelling in water” *Polymer Bull.* 75,1431- 1439 (2018)
349. G. Evingür and **Ö Pekcan** “Optical Band Gap of PAAm-GO Composite” *Composite Structure*, 183, 212-215 (2018)
350. S.Ogrenci,**O.Pekcan**, A.H. Bilge, S. Kara “Mathematical Characterization of Thermo-Reversible Phase Transitions of Agarose Gels” *J. Macromolecular Sci. Part B Physics*, 57,5, 364-367 (2018)
351. B. Ö. Uysal and **Ö. Pekcan** “ Fractal Features and Structural , Morphological, Optical Characteristics of Sol-Gel Derived Silica Nano Particle Thin of Films” *Acta Polonica* 133,5, 1160-1164(2018)

352. E. Arda, S. Kara and **Ö. Pekcan** "Fractal Dimension of K-Carragenan During Gelation and Swelling" J. Macromol. Sci. Part B Physics 57, (11-12), 715-731 (Dec. 2018)
353. Ö.B.Mergen, E Arda, S. Kara and **Ö. Pekcan** "Effect of GNP addition on Optical properties and Band Gap Energies of PMMA Films " Polymer Composite, 40, 1862-1869 (2019)
354. Büşra Osma, G. Evingür and Ö Pekcan "Effect of Temperature and Graphene Oxide on the Swelling of PAAm-GO Composite Gels" ICNFA (2019) Proceedings of the 5th World Congress on New Technologies (NewTech'19)
355. S.Ogrenci,**O.Pekcan**, A.H. Bilge, S. Kara "Mathematical Models for Phase Transitions in Biogels " Mod. Phys. Letters B 33,9 1950111-1950123, (2019)
356. B. Ö. Uysal, Ö. Akkaya and **Ö. Pekcan** "Tailoring the Electrical and Optical Properties of Carbon Nanotube Reinforced Transparent TiO₂ Composites by Varying Nanotube Concentrations "Surface Review and Letters Vol. 27, No. 2 (2020) 1950103 (7 pages)
357. M.S. Sunay, Ş. Uğur and **Ö.Pekcan** "Fluorescence Technique for Studying Film Formation from PS/GO Nanocomposites "Polymer Bulletin (2020) 77, 6:3061–3077
358. G. Evingür and **Ö Pekcan** "Fractal dimension and phase transition of graphene oxide (GO) doped polyacrylamide" Polymer testing. 84, 2020. 106386
359. Gülşen Akın Evingür, Nafia Alara Sağlam, Büşra Çimen, Bengü Ö. Uysal **Önder Pekcan** "Effect of WS₂ content on Band gap and Elasticity Energies of Swollen PAAm Composite" J. of Composite Materials 55, 71-76, 2021,
360. E. Arda, S. Kara and **Ö. Pekcan** and G. Evingür "Evaluation of Fractal Dimension of Polyacrylamide During Gelation and Swelling" Materials Today Communications, 26,101980, 2021
361. Berke Düzkan, Bengü Özuğur Uysal *, **Önder Pekcan** "Surfactant-free One-step Fabrication of Gelatin/PAAm/MWCNT Composites for Biomedical Applications " Polymer Bulletin (2021)
362. Büşra Osma, **Önder Pekcan**, Gülşen Akın Evingür" Correlation Between Swelling & Elasticity of Graphene Oxide Polyacrylamide Composites" (submitted) Composites Part A
363. Bengü, Gülşen and Önder "Biocompatible PAAm mediated PVP composites incorporated with aligned 2D MoS₂ for flexible and sturdy wearable electronic skins and artificial tissues." Advance Material (submitted)
364. Batuhan Ünver, G. Evingür and **Ö Pekcan** "FLEXIBLE AND COMPRESSIBLE COMPOSITES AS SENSORS" Frontiers in Materials (submitted)
365. Şeyma Nayır, Sena Kıvrak, İrem Kara,B. Ö. Uysal and **Ö. Pekcan** "Tungsten Disulfide(Ws₂) Doped Polyacrylamid (PAAm) Composites; Gelation and Optical Studies" Optic (in press)

366. Arda, S. Kara, F. Dolaştır and **Ö. Pekcan** "A QCM Study on Formation Of Aquaeous K-Carrageenan-Chitosan Composite Bilayers with NaCl And GO" (will be submitted)
367. T. Arsan, Ş. Şişmanoğlu and **Ö. Pekcan** "Mathematical Characterization of Orhan Pamuk's Nobel Works" , (submitted) **Journal of Mathematics and the Arts**
368. E. Büyükkaya, T. Arsan and **Ö. Pekcan** "Phase Space Analysis of Cardiac Spectra Taken from Normal and Abnormal Human Hearts" Chaos (submitted)
369. Bengü Özüğür Uysal*, Şeyma Nayır, **Önder Pekcan** "Nano-filler (WS₂, MoS₂, MoSe₂) Enhanced Polyacrylamide Gels for Multi-functional Applications" Journal of Materials Science (submitted)
370. Şeyma Nayır, Şevval Koçoğlu, Bengü Özüğür Uysal, **Önder Pekcan** "MoSe₂-reinforced polyacrylamide composites with tunable refractive index and band gap energy (in prep)
371. B. Yavuz, T. Arsan and O. Pekcan "Heart Diseases Study Using Phase Space Analysis and Convolutional Neural Networks" Biomedical Signal Processing and Control (submitted)
372. Kaşkarlı, Taner and Önder "SENTIMENT ANALYSIS OF DONALD TRUMP'S TWEETS VIA MACHINE LEARNING" (in prep)
373. M. Hekimoğlu and **Ö. Pekcan** "Phase Space Analysis of Turkish Classical Music" (in prep)
374. G. Kirkil, T. Arsan, E. Büyükkaya and **Ö. Pekcan** "Vortexes are in Phase Space " (in prep)
375. E. Büyükkaya, T. Arsan, **Ö. Pekcan** and Gonca " Earthquake Spectra in Phase Space " (in prep)
376. Oktay, Ayşe, Taner, Önder " Behaviour of Cerebral Fluid; Phase Space Analysis" (in prep)

In National Journals and Others

1. Ö. Pekcan, "Exciton-Trap Triplet Annihilation in A Doped Fluorene", Hacettepe Bull. of Natural Sciences Engineering, A, p.31-43, (1975)
2. Ö. Pekcan, "Angular Dependence of Exciton-Trapped triplet Annihilation in Pyrene-d10 Doped Fluorene at High Magnetic Field", Hacettepe Bull. of Natural sciences and Engineering, 6 p. 119-130, (1977)
3. Ö. Pekcan, "Temperature Dependent Transfer of Excitons and Delayed Fluorescence Decays in Fluorene single Crystal", Hacettepe Bull. of Natural Sciences and Engineering, 6, p. 103-118, (1977)
4. Ö. Pekcan, "Türkiyede Bilimin Gelisimi ve Bilim Akademileri",

Milliyet Gazetesi,19 Ocak (1979)

5. D. Gülen, Ö. Pekcan ve D. Inan, "Karisik Organik Kristal Sistemlerinde Host-Guest Moleküllerin Moleküler Etkilemeleri ve Uyartılma Olasiklari", Communica Tion de la Faculte des Sciences-de L' Universite d' Ankara 30.73 (1981)
6. Y. Demir, D. Inan and Ö. Pekcan, (Study of Core Morphology of Polymer Colloid by the Spin-Probe Technique" Tr. J. Phys. Astrophys. 10, p. 63, (1986)
7. Ö. Pekcan, Y. Kaptan, "Enviromental Effects on Fluorescence of Naphthalene Labelled Polymer Colloids" Tr. J Phys. Astrophys. 10, p.142, (1986)
8. Ö. Pekcan, "Effects of Annealing and Prior History on Volume Deformation of Polymer Colloids" Turkish J. Physics 27, p. 10, (1986)
9. Ö. Pekcan, "Polymethyl Methacrylate Microdomains in the core of the Polymer Colliod" Turkish. J. Physics 10, p, 223, (1986)
10. Y. Demir, Ö. Pekcan and D. Inan "Studies of Molecular motions in Polymer Colloid by Spin-probe Technique" TU. Fizik ve Astrofiz 11, p. 34. (1987)
11. Y. Kaptan, and Ö. Pekcan " The ESR Investigation of Some Moleculer Motions of &-irradiated Polymers(PMMA-PVAc)" Tr.J.Phys. and Ast.Phys. 12,205,(1988)
12. Ö. Pekcan and A.Giz "Fractal Analysis of Direct Energy Trasfer Studies on Polymer Membranes " Tr.J.Phys. 14,386, (1990)
13. Ö. Pekcan and A. Giz " Apparent Dimension of Polymer Particles with an Interpenatrating Network Morphology " Doga Turk Fizik Dergisi 15,51, (1991)
14. Y. Demir, D. Inan and Ö. Pekcan "Study of Molecular Motion in PVAc + PEHMA Polymer Colloid by ESR " Doga Tr. J. Phys. 17,133,(1993)
15. A. Erzan and Ö. Pekcan Eds." Recent Advances in Statistical Physics " Doga (Tr. J. Physics) 1994
16. Ö. Pekcan " Small Molecule Diffusion within Latex Particles during Film Formation Under Mechanical Presure " Bull. of ITU 49, 61(1996)
17. Ö. Pekcan and M. Canpolat " Interdiffusion at Polymer-Polymer Inter_ faces During Film Formation From High-T Latex Particles " Ed. A. Erzan, Turkish J. Phys. 20, 17 (1996)
- 18.Y. Yılmaz and Ö. Pekcan " Experimental Determination of β and γ Exponents in Sol-Gel Phase Transition using the SSF Technique" Turkish J. Phys. Ed. A. Nihat Berker ,23,89(1999)
19. Ö. Pekcan and Ş. Uğur " Fluorescence Method for Studying

- Latex Film Formation “ARI, 53, 58 (2003)
20. M. Erdoğan and Ö. Pekcan “İyi Çözücü İçerisinde Kopolymer Şişmesi; Zaman Ayrımlı Floresans Çalışma “İTÜ Dergisi, C 2, 99 (2004)
 21. S. Yıldız and Ö. Pekcan “Sıvı Kristal Polimerlerde Faz Geçişleri “İTÜ Dergisi, C 2,90 (2004)
 22. Ş. Uğur and Ö. Pekcan “UV Cured Polimerik Filmlerde Perkolasyon Kümelerinin Çözünmesi; Floresans Çalışma “İTÜ Dergisi,C 3,1 33-39(2005)
 23. D. Kaya and Ö. Pekcan “Camsı Geçiş Civarında Kritik Üslerin Çalışılması; Zaman Ayrımlı Floresans Çalışma “İTÜ Dergisi, C 3,1 25-32 (2005)
 - 24.Ş. Uğur, Ö. Yargı and Ö. Pekcan “Film Formation Behaviour of PNIPAM Hydrogels Doped with PS Latex “Balkan Physics Letter, 416 (2007)
 25. Ö. Tarı and Ö. Pekcan “Fluorescence Study on Drying of Iota Carrageenan Gels at Various CaCl₂ Content” Balkan Physics Letter,390(2007)
 26. G.A. Evingür, D. K. Aktaş, Ö. Pekcan” A Fluorescence Technique For Measuring Drying and Swelling Activation Energies Of PAAm Gel” Balkan Physics Letters, Special Issue, 383(2008)
 27. Ö. Tarı and Ö. Pekcan “Iota karagenan jellerinde şişme kinetiği: floresans çalışma” İTÜ Dergisi, C 8,13-20(2010)
 28. G. Evingur, D. Kaya and Ö. Pekcan “Swelling and Drying of Hydrogels(PAAM)at Various Crosslinker Densities: A Fluorescence Study” Balkan Physics Letter, 15, 151015(2009)
 29. Ö. Yargı and Ö. Pekcan “PS/MWNT kompozit filmlerin kritik nokta Civarında optiksel ve elektriksel iletkenlik davranışları” İTÜ Dergisi, C (2011)
 30. G. Evingur and Ö. Pekcan “karışık jellerin kurumasında sıcaklık ve derişim etkisi” İTÜ Dergisi, C (2011)
 31. Ö. Pekcan ”Polimer, Gözle Görülmeyen Dev bir Molekül”Panorama Khas, 56 (2011)
 32. M. Selin Sunay, Ö. Pekcan, S. Uğur ”PS lateks/TiO₂ nanokompozitlerden film oluşumuna; Lateks boyut ve TiO₂ içeriğinin etkisi” İTÜ Dergisi, C (2012)

Thesis

1. Ö. Pekcan, “Fast Neutron Flux Measurements in a 1 MW Reactor” Unpublished Ms. Thesis, Ankara University, June 1967
2. Ö. Pekcan, “Magnetic Field Effect on Exciton - Trap Triplet Annihilation in a Fluorene Single Crystal Doped Pyrene “Unpublished Ph. D. Thesis, University of

Wyoming, May 1974

3. Ö. Pekcan, "Molecular Exciton Dynamics in a Mixed Organic Crystal" Unpublished Habilitation (Docentlik) Thesis ,Hacettepe University, March 1979

Meetings and Seminars

International

1. O. Pekcan, and A. B. Denison, " Delayed Fluorescence in Mixed Organic Crystal systems" XV Annual Rocky Mountain Spectroscopy Conference, Denver, Colorado, USA, August 1973
2. A. B. Denison and Ö. Pekcan, " Exciton Trap Triplet Annihilation in an Organic Crystal" Colorado-Wyoming Academy of Science, Laramie, Wyoming, USA April 1974
3. O. Pekcan Amorphous Semiconductors (attended) ICTP, Trieste, Italy, August 10-15, 1980
4. O. Pekcan "Disturbed Host Species in Pyrene Doped Fluorene Single Crystal "Technical University of Gdansk, Gdansk, Poland, January 16 1981 (seminar)
5. O. Pekcan "Delayed Fluorescence Studies in Optically Excited Mixed Organic Crystal Systems "University of Toronto, Toronto, Canada, September 15 1981 (Seminar)
6. O. Pekcan, American Chemical Society North East Regional Meeting,(attended) Rochester, New York, USA, October 1981
7. O. Pekcan, "Macromolecules"(attended) IUPAC, University of Massachusetts, Amherst, Massachusetts USA, August 1982
8. O. Pekcan, "Phosphorescence Studies of Naphthalene Labelled Colloid Particles at 77 K "University of Toronto, Toronto, Canada, Sept. 15 1982 (seminar)
9. O. Pekcan, "Energy Transfer Studies in Chromophore Labelled NAD of Colloid Particles "University of Toronto, Toronto, Canada, January 14 1983 (seminar)
10. O. Pekcan "Fluorescence Tools in Polymer Science" (Attended), NATO Advance Study Meeting, San Miniato, Italy, October 15-30, 1985
11. O. Pekcan "Small Molecule Diffusion into Solid Polymer Latex Particle "University of Toronto, Toronto Canada, December 15 1986 (seminar)
12. O. Pekcan "Fractals in Polymer Latex Particles" Xerox Research Center of Canada, Mississauga, Ontario, Canada, October 29 1987 (Seminar)

13. O. Pekcan "Fractal Analysis of Energy Transfer in Naphthalene Labelled Anthracene Doped Latex Particles "Polymer and Colloid Group Meeting, Toronto, Canada, March 4 1988 (seminar)
14. O. Pekcan "Geometrical Details of Polymer Latex Particles " University of Toronto, Toronto, Canada, March 10 1988 (Seminar)
15. O. Pekcan and M.A.Winnik "Fractal Analysis of the Internal Structure of Polymer Latex Particles "American Physical Society March Meeting, New Orleans, Louisiana, USA, March 21-25 1988
16. O. Pekcan "Particle Coalescence in Latex Films" Polymer and Colloid Group and 3M Canada Meeting, (seminar) Toronto, Canada May 11 1988
17. O. Pekcan and M.A.Winnik "Restricted Geometries in a Polymer Latex Particle "Great Lakes Symposium in Photochemistry, Bowling Green, Ohio, USA, May 14-15 1988
18. O. Pekcan 3 rd Chemical Congress of North America Toronto, Canada June 5-10 1988 (attended)
19. O. Pekcan and M.A.Winnik "Geometrical Details of the Internal Morphology of a Polymer Colloid Particle "NATO ASI on Polymer Colloids, Strasbourg, France, July 3-15 1988
20. O. Pekcan, M.A.Winnik and M.D.Croucher "Energy Transfer Studies of Particle Coalascece " NATO Advance Study Institute on Polymer Colloids, Strasbourg, France, July 3-15 1988
21. Y. Kaptan and O.Pekcan "Determination of Diffusion of Oxygen into the Polymer Spheres " NATO,ASI on Polymer Colloids, Strasbourg France, July-3-15, 1988
22. O. Pekcan "Restricted Geometries in Composite Polymeric Materials "Advances in Nonradiative Processes in Solids, NATO ASI Meeting, Erice, Italy 15-29, June 1989
23. O. Pekcan, M.D. Croucher and M.A. Winnik "Geometrical Details of the Internal Morphology of a Polymer Colloid Particle " Polymer Latex III PRI 27-29 June 1989, London England (invited)
24. O. Pekcan "Particle Morphology and Film Formation "Gordon Research Conferences on Polymer Colloids, New Hampshire, 9-14 July 1989, USA (invited)
25. O. Pekcan "ESR Study of Solvent Penetration into Polymer Colloid Particles "Symposium Polymer Colloids, IUPAC 1990 MACROMOLECULES July 8-13 1990 Montreal, Canada
26. O. Pekcan and M.A.Winnik "Photophysiscs in Restricted Geometries" Symposium Photophysisc and Photochemistry IUPAC 1990 July 8-13 1990 Motreal,Canada (invited)

27. O. Pekcan "Optical Properties of Excited States in Solids"
International School of Atomic and Molecular
Spectroscopy, NATO, ASI June 16-30, 1991 Erice ITALY
28. O. Pekcan " Restricted Geometries in Polymer Blends " I Azer_
baycan-Turkiye Polymer Sempozyumu 8-11 temmuz 1991
Baku Sovyetler Birliđi (USSR)
29. O. Pekcan "Fluorescence Studies of Interpenetrating Network
Morphology of Polymer Film " 9-14 Sept. 1991
Alexsibad Germany , European Physical Soceity,
Physics of Polymer Networks (invited)
30. O. Pekcan " Highly Swelled Networks in Polymer Particles "
25 th Europhysics Conference on Macromolecular
Physics, St.Petersburg ,Russia 6-10,july, 1992
31. A. Giz and O. Pekcan " Simulation of DET Between Donors and
Acceptors Embedded in a Rubbery Phase Network "
25 th Europhysics Conference on Macromolecular
Physics, St. Petersburg, Russia 6-10,july, 1992
32. O. Pekcan "Measuring Fractal Dimension in Polymeric Systems
by Using Fluorescence Method " Ultrashort Processes
in Condensed Matter, NATO, ASI Sept 1-11, 1992
IL Ciocco,Tuscany, Italy
33. M. Canpolat and O. Pekcan "Chain Diffusion During Latex Film
Formation " II Turkiye-Azerbaycan Polimer Sempozyumu
METU Ankara Turkey 14-16, Eylul, 1992
34. O. Pekcan " ESM and Laplace Transform of Klafter-Blumen Equ-
ation for DET Analysis in Polymer Blend-like Materials "
MRS Fall Meeting December 1-5 1992 Boston USA (invited)
35. M. Canpolat and O. Pekcan "International School of Atomic
and Molecular Spectroscopy " 16-30 june 1993 NATO ASI
Erice Italy
36. M. Canpolat and O. Pekcan "Recent Advances in Statistical Physics
25 july- 6 August 1993, Istanbul Technical University
Macka,Istanbul Turkey
37. O. Pekcan and M.Canpolat " Direct Energy Transfer Stady of
Healing Processes at Polymer-Polymer Interfaces "
International.Conference on Luminescence 9-13 August
1993 Univ. of Connecticut Storss USA
38. O. Pekcan and M. Canpolat "Interdiffusion of Polymer Chains
During Latex Coating " PAT 93 ,7-11 sept. 1993
University. of Oxford, Oxford UK (invited)
39. A.T. Giz and O. Pekcan " Klafter-Blumen Apperent Dimension in a
Randomized Sierpinski Carpet " II International Conference
on Fractals in the Natural and App. Sci. 7-10 Sept.
1993 London UK (invited)
40. O. Pekcan and M.Canpolat "Measuring Diffusion Coefficient of
Polymer Chain During Sintering of Latex Particles "

Euro physics Conference on Macromolecular Physics,
Eindhoven, The Netherlands July, 4-7 (1994)(invited)

41. O. Pekcan "Study of Latex Film Formation by Steady State Fluorescence Method " Dept. of Physics, MIT Cambridge, Massachusetts, USA sept. 12 (1994) (Seminar)
42. O. Pekcan " Interdiffusion of Polymer Chains at Polymer-Polymer Interfaces " 5 th Fine Chemistry and Functional Polymers International Symposium , Shandong Univ., Jinan China Oct. 12-18 (1994) (invited)
43. M. Canpolat and O. Pekcan " A Simulation on Optical Properties of Polymer Films " Statistical Physics Meeting, ITU Macka, Istanbul Turkey July 12-14 (1994)
44. O. Pekcan " Probing Sol-Gel Phase Transitions by Fluorescence Method " Dept. of Physics, ITU Istanbul, Turkey Nov. 25 (1994) (Seminar)
45. O. Pekcan " Interdiffusion at Polymer-Polymer Interfaces During Film Formation from High-T Latex Particles " 2- ITU Fizik Gunleri Istanbul Turkey 13-14 July 1995 (invited)
46. M. Canpolat and O. Pekcan " A Novel Correction Method for the Steady State Fluorescence Technique to Study Film Formation " 2- ITU Fizik Gunleri Istanbul Turkey 13-14 July 1995
47. Y. Yilmaz and O. Pekcan " Fluorescence Technique for Studying the Sol-Gel Transition in FRCC of MMA " 2- ITU Fizik Gunleri Istanbul Turkey 13-14 July 1995
48. O. Pekcan Solvents and Self Organization of Polymers, NATO ASI Meeting, Belek Antalya Turkey 1-11 August 1995 (attended)
49. O. Pekcan and M. Canpolat " Steady State Fluorescence Method to Study Film Formation from High-T Latex Particles" 210 th ACS National Meeting, PMSE Chicago USA, August 20-25 1995 (invited)
50. O. Pekcan, Y. Yilmaz and O. Okay " Fluorescence Method for Critical Measuring Exponents During Sol-Gel Transitions In FRCC " Europhysics Conference on Gels, EPS, Balaton-Szeplak, Hungary Sept. 25-29 1995
51. Y Yilmaz and O. Pekcan "Swelling of Gels by Fluorescence Method" 3-ITU Fizik Gunleri, Istanbul Turkey 18-19 July 1996
52. S. Ugur and O. Pekcan "Dissolution of Latex Films " 3-ITU Fizik Gunleri, Istanbul Turkey 18-19 July 1996
53. M. Canpolat, A. Erzan and O. Pekcan "Conformational Transition of Polymer Chain " 3-ITU Fizik Gunleri, Istanbul Turkey 18-19 July 1996
54. O. Pekcan " Recent Advances in Polymeric Dispersions " NATO- ASI Elizondo, San Sebastian Spain, June 21- July 5 1996 (discussion leader)

55. O. Pekcan and Y. Yilmaz "Fluorescence Method for Studying Swelling Drying Kinetics of Gels" International Conference on Luminescence (ICL 96), Prague Czech Republic Aug 18-24 1996
56. Ö. Pekcan and Y. Yilmaz "Flourescence Study of Slow Release and Swelling Processes in gels" Polymer Network 96 IUPACD 13 th Polymer network Group Con. Doorn The Netharlands 2-6 Sept. 1996
57. Ö. Pekcan "U. V. Method to Study Film Formation from Polystrene Latices" Rolduc Polym. Meeting 10 Netharlands May 5-7 (1997)
58. Ö. Pekcan "Workshop and Polymeric Materials with Unusual Optical and Electrical Properties" Bilkent University May 1-2 , 1997 Ankara Turkey
59. E. Arda , E. Pişkin and Ö. Pekcan " Photon Transmission Study for Studying Evaluation of Transparency of Films" IV. İstatistik Fizik Günleri İTÜ, Maçka , 17-18 July 1997 İstanbul Turkey
60. Y. Yılmaz and Ö. Pekcan " Experimental determination of α , β and γ exponents in the Sol-Gel Phase Transition" IV. İstatistik Fizik Günleri İTÜ, Maçka , 17-18 July 1997, İstanbul Turkey
61. Ş. Uğur and Ö. Pekcan " Relaxation and Diffusion Activation Energies in Dissolving Latex Film" IV. İstatistik IV Fizik Günleri İTÜ, Maçka , 17-18 July 1997, İstanbul Turkey
62. D. Kaya , O. Okay and Ö. Pekcan " FRCC of Styrene and Divinyl benzene" IV. İstatistik Fizik Günleri İTÜ, Maçka , İstanbul Turkey 17-18 July 1997
63. Ö. Pekcan " Fluorescence Method for Studying İnterdiffusion Processes During Coalescence of Latex Particles" İnternational Symposium on Lasers, Atomic and Molecular Physics. İTÜ , Maçka Campus , İstanbul Turkey, 16-20 Sept. 1997
64. Ö. Pekcan " Fluorescence Method for Monitoring Gelation and Gel Swelling in Real Time" 5th İnternational Conference on Methods and Application of Fluorescence Spectroscopy Berlin-Germany 21-24 Sept. 1997
65. Ö. Pekcan and Y. Yilmaz " Fluorescence Method For Monitoring Gel Swelling in Real Time" 5th İnternational Conference on MAFS, Berlin , Germany 21-24 Sept. 1997
66. Ö. Pekcan and E. Arda " Fluorescence Method for Studying Latex Film Formation" NATO ARW Syntheses Optical Properties on Aplication of NIR Dyes , Trest (Bohemia) Czech Republic , 24-27 1997
67. Ö. Pekcan and E. Arda "Void Closure and İnterdiffusion in Latex Film Formation by Photon Transmission and Fluorescence Methods" İnternational Symposium on Advanced Technology of Fine Particles" Yokohoma , Japan 12-16 Oct. 1997

68. Y.Yılmaz, A.Erzan and Ö.Pekcan "Flourescence Technique to Study sol-gel phase transition" 78 th Stat. Mech. Conference, Rudgers Univ. Rudgers USA Dec.14-16 (1997).
69. M.Erdoğan, D.Kaya, Ö.Pekcan "Fast Transient Fluorescence Technique for Modelling of swelling in PMMA Gels" V.İstatistik Fizik Günleri, İTÜ, Maçka, İstanbul, Turkey 16-18, July, 1998.
70. E.Arda and Ö.Pekcan "Foton geçirme tekniği ile Latex Film oluşumuna Molekuler Ağırlık etkisi" V.İstatistik Fizik Günleri, İTÜ, Maçka, İstanbul, Turkey 16-18.July.1998
71. H.Özbek, S.Yıldız and Ö.Pekcan "Multiple Phase Transition in a Liquid Crystal" V.İstatistik Fizik Günleri, İTÜ Maçka, İstanbul, Turkey, 16-18.July.1998.
72. Ş.Uğur and Ö.Pekcan "Fluorescence Method for Monitoring Latex film formation and Dissolution" World Polymer Congress, IUPAC, Gold Coast, Australia, 12-17 July 1998.
73. Ş.Uğur and Ö.Pekcan "Latex Film Formation and Dissolution: Fluorescence Study "13 th European Sym. On Polymer Spectroscopy, Lancaster, UK, 20-23.July.1998.
74. Ş.Uğur, Ö.Pekcan "Polymer Film Dissolution". Chemical Physics III, Boğaziçi Üniversitesi, İstanbul, Turkey, 22-23.Ekim.1998.
75. O. Pekcan, " Latex Film Formation Study Using Photon Transmition and Reflection Methods " Polymer in Dispersed Media, Lyon France, 11-15 April 1999
76. S. Kara and O. Pekcan "Studying Gelation Processes in PAAM Gels "Istatistik Fizik Gunleri VI ,Macka, Istanbul Turkey , 15-16 temmuz 1999
77. D. Kaya, M. Erdogan and O. Pekcan "Serbest Radical Kopolymerizasyonu ile PMMA Jel Olusumu; FTRF Calismasi " Istatistik Fizik Gunleri VI Macka, Istanbul Turkey , 15-16 temmuz 1999
78. O. Pekcan "Direct Fuolrescence Technique to Study Evoluation in Transparency and Crossing Density at Polymer-Polymer Interfaces " Interfaces and Colloid Systems, ERC, Heraklion,Crete Greece 18-23 sept. 1999
79. Ö. Pekcan "Fluorescence Technique for Gel Swelling" Seminar, Department of Physics , MIT, Boston USA , Jan 13 2000
80. Ö. Pekcan " Experimental Determination of Gellation and Swelling Paramete-rs " International Seminars on Polymeric Materials in 21 th Century New Delhi, India ,21-23 Feb 2000
81. Ö. Pekcan and E. Arda " UV-Visible Technique for Studying Latex Film Formation and Dissolution "ACS National Meeting, March 26-30 2000 San Francisco, USA
82. S.Yıldız, H. Özbek, Ö. Pekcan, Y. Hepuzer and Y. Yagcı

“Comparative study of Liquid Crystalline Ordering in Monomers, Linear Polymers and Grafted Copolymers via The Photon Transmission Technique” APS National Meeting, Mineapolis, USA March 26- 29 2000

83. D. Kaya and Ö. Pekcan “Measuring Monomer Consumption Rates Using Fluorescence Quenching Method “World Polymer Congress, IUPAC Macro 2000, Warsaw Poland 9-14 2000
84. M. Erdogan and Ö. Pekcan “ A Fluorescence Study for Monitoring Swelling of PMMA Gel Using FTRF Technique “World Polymer Congress IUPAC Macro 2000, Warsaw Poland 9-14 2000
85. S. Kara and Ö. Pekcan “ Swelling of Disc-Shaped Gels Formed With Various Crosslinker Contents; A Photon Transmission Technique “ Istatistik Fizik Gunleri VII Macka, Istanbul Turkey, 20-21 july 2000
86. Ş. Uğur ,K. Aydin and Ö. Pekcan “ Dissolution of Irradiated Latex Films “ Istatistik Fizik Gunleri VII Macka, Istanbul Turkey, 20-21 july 2000
87. Ö. Pekcan “Packing Effect on Latex Film Formation and Dissolution “International Symposium on Optical Science and Technology “San Diego, USA july30-aug 4 2000
88. Ö. Pekcan “Ultrashort Processes” ESF, First General Meeting, Coimbra Portugal October, 22-24, 2000
89. Ş. Uğur and Ö. Pekcan “Oxygen Diffusion in Latex Film “ the 10 th Inter. Con. On Colloid and Interface Sci. 23-28 july 2000, Bristol, UK
90. Ö. Pekcan and S. Kara “Photon Transmission Technique for Monitoring Swelling of PAAm Gels “.APME, International Conference on Macromolecular Engineering, july 2001, Knoxville,Tennessee, USA
91. Ö. Pekcan “Formation Swelling and Drying of Acrylamide Gels “ Discussion Meeting on Selected Problems in Genetics and Molecular Biology , Orange County, Coorg, India 5-9 december 2001
92. H. Bermek, T. Devci, M. Erdoğan, Ö. Pekcan and C. Tamerler “ Biological Decolorization of Chemically Different Textile Dyes by Funalin Trogi”7 th International Mycological Congress, Oslo, Norway 11-17 August 2002
93. Ö. Pekcan and Ş. Uğur “FTRF Technique for Swelling of Hard PMMA Latex Particles in Soft PIB Matrix “14 th SIS, Barcelona, Spain 9-14 june, 2002
94. Ö. Pekcan and Ş. Uğur “Entanglement Effect on Dissolution of Polymeric Glasses; A Fluorescence Study “ ICE 2002 Global Connectivity New Orleans USA, Oct.30-Nov.1, 2002
95. Ö. Pekcan “ Photophysical Tools in Polymeric Gels “ SOLAR’03 Solar Energy and Applied Photochemistry, Luxor ,Egypt

Feb.23-28,2003

96. Ö. Tari and Ö. Pekcan "Sol-Gel Phase Transition of K-Carrageenan by Fluorescence Technique "8 th MAF Conference , Prague, Czech Republic August 10-15 2003
97. Ş. Uğur and Ö. Pekcan "Fluorescence Technique for Studying Partially Dissolved UV- Cured Polymeric Films " 39 th IUPAC Chemistry And Interfaces, Ottawa, Canada ,August 10-15 2003
- 98.D. Kaya, Y. Yılmaz and Ö. Pekcan " Sol- Gel Transition in PAAm Gels by Using Fluorescence Technique "11 th IACIS, Foz da Iguaçu Brazil Sept. 15- 19 2003
98. Ö. Pekcan and Ş. Uğur "Dissolution of Percolation Cluster on UV-cured Polymeric Films; A Fluorescence Study" 11 th IACIS Foz da Iguaçu Brazil Sept. 15- 19 2003
99. Ö. Pekcan " Photophysical Tools in Polymeric Gels " SOLAR'03 Solar Energy and Applied Photochemistry , Luxor ,Egypt Feb.23-28,2003
100. Ö. Pekcan " Photophysical Techniques for studying Latex Film Formation"Gordon Research Conference, Coatings and Films, Colby Sawyer College, New London, NH, USA July 13-18, 2003
101. Ö. Pekcan "Film Formation From Surfactant Free Polystyrene Particles 15 Th Surfactant in Solution Symposium, Fortaleza,Brazil, June 6-11 2004
102. Ö. Pekcan "Gel Swelling by Fluorescence Technique "IFG, Ayazağa İTÜ Istanbul Turkey 24-26 June 2004
103. D.Kaya and Ö. Pekcan " Reaction Kinetics of Various Polymeric Systems by Using Fluorescence Technique " MACRO 2004 40 th World Polymer Congress, Paris, France, July 4-9 2004
104. M. Erdoğan and Ö. Pekcan " Swelling of Heterogels " 10 th IUPAC 17-22 July 2004, Granada, Spain
- 105.Ö. Tari and Ö. Pekcan " Drying and Swelling of Kappa Carrageenan Gels: A Steady State Fluorescence Study " 5 th International Conference, Polymer-Solvent Complexes & Intercalates, 11-13 July 2004 Lorient France
106. Ö. Pekcan "Film Formation from Polymer Colloids " 2 th International Aegean Physical Chemistry Days " 7-10 October 2004, Ayvalık/ Balıkesir Turkey
107. Ö. Pekcan "Film Formation From Ceramic-Polymer Colloid Composites "Gordon Research Conference, July 3-8, 2005, Tilton New Hampshire USA
108. G.A.Evingür, K. Karlı and Ö. Pekcan "Studying on the small molecule diffusion into hydrogels; A Fluorescence Study " International Conference of the Balkan Physics Union, 22-26 August 2006,

Istanbul, Turkey

109. G.A. Evingür, D. K. Aktaş and Ö. Pekcan “ Fluorescence study of the Mixture gels around the gel point “18. Polymer Networks Group Conference, Functional and biological gels and networks: Theory and experiment “ 3-6 September 2006, The University of Sheffield Sheffield-UK
110. Ö. Yargı, Ş. Uğur and Ö. Pekcan” Reversible Film Formation from PNIPAM Micro gel Particles Below Glass Transition “ XXVIIIth European Congress on Molecular Spectroscopy (EUCMOS XXVIII) 3-8 September 2006, Istanbul University, Istanbul-TURKEY
111. Ö. Pekcan “Film Formation from Latex-Ceramic Composites “ Control Engineering Laboratory, Helsinki University of Technology, 7 June, 2007, Helsinki, Finland
112. G.A. Evingür, D.K. Aktaş and Ö. Pekcan “ A Fluorescence Study on Swelling of Hydrogels (PAAm) at Various Temperatures” IUMACRO 2007 Macromolecules for Sustainable Safe and Healthy World, 10—14 June, 2007 Brooklyn, New York, USA
113. Ö. Tarı and Ö. Pekcan “ Drying Process of Iota Carrageenan gels at Various Temperatures by Using Fluorescence Technique” IUMACRO 2007 Macromolecules for Sustainable Safe and Healthy World, 10—14 June, 2007 Brooklyn, New York, USA
114. Ö. Tarı and Ö. Pekcan “ Slow release from Carrageenan Gels at Various Temperatures “ 6 th AIMECS 07 International Medicinal Chemistry Symposium, July 8-11, 2007 Istanbul TURKEY
115. G.A. Evingür and Ö. Pekcan” Small Molecule Sorption and Desorption in and out of PAAm Hydrogels at Various Temperatures “6 th AIMECS 07 International Medicinal Chemistry Symposium, July 8-11, 2007 Istanbul TURKEY
116. Ö. Tarı and Ö. Pekcan “ Temperature Effect on Drying and Swelling of Kappa Carrageenan Gels: A Steady State Fluorescence Study” European Symposium on Polymer Spectra, ESOPS 17, 9-12 September 2007 Seggau, Austria
117. G. A. Evingür, K. Karlı and Ö. Pekcan “ In Situ Fluorescence Study of Swelling Sorption and Desorption Processes in and out of PAAm Gels” European Symposium on Polymer Spectra, ESOPS 17, 9-11 September 2007 Seggau, Austria
118. Ş. Uğur and Ö. Pekcan “ Fluorescence Study of Film Formation from PS-TiO₂ Composites” ECIS 2007 21 st Conference of the European Colloid and Interface Society, September 10-14, 2007 Geneva Switzerland
119. S. Sunay, Ş. Uğur and Ö. Pekcan “Fluorescence Technique for Composite Film Formation” 11th Dresden Polymer Discussion, 16-19 September 2007, Dresden, Germany
120. Ö. Yargı, Ş. Uğur and Ö. Pekcan “PS Doped PNIPAM Films at Various

Compositions: Reversible Film Formation” 11th Dresden
Polymer Discussion, 16-19 September 2007, Dresden, Germany

121. G. A. Evingür, D. K. Aktaş and Ö. Pekcan “ A Fluorescence Study on Drying of Hydrogels(PAAm) at Various Temperatures”
11th Dresden Polymer Discussion, 16-19 September 2007,
Dresden, Germany
122. Ö. Tari and Ö. Pekcan "Fluorescence Method for Measuring Swelling Activation Energies of Iota Carrageenan gels"11th Dresden
Polymer Discussion, 16-19 September 2007, Dresden, Germany
123. Ö. Pekcan “ Phase Transitions in Polysaccharide Gels”7 th International
Conference, Advanced Polymers via Macromolecular Engineering
15-20 December 2007 Miami Beach, Florida, USA
124. G.A. Evingur, D. K. Aktaş, Ö. Pekcan “phase Transitions in hydrogels
By Using Fluorescence Technique” Polymer Colloids from Design
to Biomedical and Industrial Applications,20-24 July, 2008
PRAGUE, Czech Republic
125. Ö.Tari and Ö. Pekcan” Critical Exponents of Thermal Phase
Transitions of Kappa Carrageenan in Various Salts “Polymer
Colloids from Design to Biomedical and Industrial Applications
20-24 July, 2008 PRAGUE Czech Republic
126. Ö. Yargı, S.Uğur and Ö. Pekcan” Oxygen Diffusion into Polymer-Clay
Composite Films as a Function of Clay Content and temperature”
Polymer Colloids From Design to Biomedical and Industrial
Applications, 20-24 July, 2008 PRAGUE Czech Republic
127. S.Uğur, Ö. Yargı, and Ö. Pekcan “Fluorescence Technique for film
Formation from Polymer latex/ Clay Nanocomposites” SIS 2008
17 th International Symposium on Surfactants in Solution,
17-22 August 2008 Berlin Germany
128. Ö. Pekcan “Polystyrene Clay Nano-Composite Films” (invited)
Polymeric Composites Symposium, Chamber of Chemical
Engineers, 28-30 November 2008 İzmir Turkey
129. Ö. Pekcan “Polymer ceramic nanocomposites” SPIE Europe
Microtechnologies for the new millenium, 4-6 May 2009
Dresden, Germany
130. G.A. Evingur and Ö. Pekcan “ Fluorescence Technique for monitoring
Swelling of PAAm-Kcarrageenan Gel Composites” OPTIMESS
May 25-26 2009 Antwerp, Belgium
131. Ö.Tari, S. Kara and Ö. Pekcan” Studying of the Critical Exponents in
Iota Carrageenan Gels by Using Fluorescence Technique” Frontiers
in Polymer Science, 6-9 June 2009 Mainz, Germany
132. E.Arda, S. Kara and Ö. Pekcan “ Determination of Electrical and Optical
Properties of Polystyrene- Multiwalled Carbon Nanotube Composite
Thin Films” Frontiers in Polymer Science, 6-9 June 2009 Mainz,
Germany
133. G.A. Evingur and Ö. Pekcan “The role of pyranine in characterization of
PAAm-K-carregeenan composites by using Fluorescence

Technique” MAF6-8 September 2009 Budapest, Hungary

134. Ö. Yargı , Ş. Uğur and Ö. Pekcan “Oxygen Diffusion in PS/MWNT Composite Films” nanomats 09, 10-13 August 2009 Istanbul, Turkey
135. G. A. Evingür and Ö. Pekcan “Mechanical and Electrical Properties of Polyacrylamide(PAAm)- Multiwalled Carbon nanotube (MWNT) Composite” Carbon Materials for Today and Future, Turkish-Japanese Joint Carbon Symposium, 18-19 March 2010 Istanbul Technical University, Turkey
136. G. Akın Evingür, Ö. Pekcan " Mechanical Properties in Multiwalled Carbon nanotubes/ PAM composites", 6th Nanoscience and Nanotechnology Conference (NanoTR-VI), Altın Yunus Hotel Çeşme, İzmir, Turkey, 15- 18 June 2010.
137. Z. Doğruyol, S. K. Doğruyol, N. Arsu, Ö. Pekcan” Universality gel fraction exponent during photoinitiated gelation at different temperatures; A photo-DSC study”, Macro2010: 43rd IUPAC World Polymer Congress, Glasgow (UK), Temmuz, 2010
138. Ş. Uğur Ö. Yargı , and Ö. Pekcan “Oxygen Diffusion into Clay Doped PS Films by using Fluorescence Technique” Polymer Network Group 20th Conference, Goslar Germany, Aug. 29- Sept. 2 (2010)
139. G. Akın Evingür, Ö. Pekcan “Electrical Conductivity and Elasticity Of PAM-MWNT” MRS, Polymer-Based Nanocomposites Boston USA, Nov.28- Dec.3, (2010)
140. S. Uğur, O. Yargı and O. Pekcan "Percolation and film formation Behaviors of MWNT/PS Nanocomposites" 11th International Conference on the Mechanical Behavior of Materials (ICM11) June 5-9, 2011, Milano (Italy)
141. G. Akın Evingür, Ö. Pekcan “ Effect of MWCNT Content on Elasticity Of PAAm-MWCNT Composites” 8th International Conference on Nanosciences and Nanotechnologies, Thessaloniki, Greece 12-15 July 2011
142. Ö. Pekcan “ Polymer Composites” IUPAC 9 International Conference On Advanced Polymers via Macromolecular Engineering, APME 2011 Cappadocia, TURKEY 5-8 September, 2011
143. Akın Evingür, Ö. Pekcan “PAAm-NIPA Copolymer; Drying with Various Monomer Content” IUPAC 9 International Conference On Advanced Polymers via Macromolecular Engineering, APME 2011 Cappadocia, TURKEY 5-8 September, 2011
144. Z. Doğruyol, N. Arsu and Ö. Pekcan” Real time monitoring of in-situ photopolymerization of acrylates by fluorescence spectroscopy” IUPAC 9 International Conference on Advanced Polymers via Macromolecular Engineering, APME 2011 Cappadocia, TURKEY 5-8 September, 2011
145. Akın Evingür, Ö. Pekcan “Effect of temperature on the drying of Swollen PAAm-NIPA copolymer” Workshop, Recent Advances in Synthetic and Biological Gels, ITU Istanbul TURKEY

21 September 2011

146. Ö. Pekcan “Gels from red seaweeds” Workshop, Recent Advances in Synthetic and Biological Gels, ITU Istanbul TURKEY
21 September 2011
147. Ö.Tari and Ö. Pekcan ”Modelling of Swelling by the Fluorescence Technique in Kappa Carrageenan Gels “Eds. Aslan MH; Oral AY; Ozer M; 1st International Congress on Advances in Applied Physics and Materials Science (APMAS) Antalya, TURKEY :
MAY 12-15, 2011
148. C. Saçlıoğlu, Ö. Pekcan and V. Nanjundiah “Introduction to group behaviour in physical, chemical and biological systems “Individuals and Groups, Discussion Meeting-cum-Workshop, Almora, India
22 to 31 May 2012
149. G. Evingür and Ö. Pekcan “ Thermal Properties on the swelling of PAAm- MWNT Composite Gels via Fluorescence Technique”
9th International Conference on Nanosciences & Nanotechnologies (NN12)3-6 July 2012, Thessaloniki, Greece
150. S. Kara and Ö. Pekcan “Fluorescence, Electrical and Optical Percolation Properties of Poly(vinyl acetate) – Multi-Walled Carbon Nanotube Composite Films” 9th International Conference
On Nanosciences & Nanotechnologies (NN12) 3-6 July 2012,
Thessaloniki, Greece
151. Ö.Yargı, Ş. Uğur and Ö. Pekcan “ Oxygen Diffusion and Diffusion Energies of Polymer-Carbon Nanotube Composite Films”
8th Coatings Science International 2012, COSI 2012, 25 June – 2 June 2012 Noordwijk, The Netherlands
152. G. Akın Evingür and Ö. Pekcan “The Kinetic Models for the Dynamical Behaviors of PAAm- MWNT Composite Gels”
MRS, 2012 USA
153. G. Akın Evingür and Ö. Pekcan “Elasticity of PAAm-Kappa Carrageenan Composites “The 10 th Frontiers in Biomedical Polymer Symposium, Vancouver, Canada June 3-6, 2013
154. S. Kara and Ö. Pekcan” Fluorescence and UV-visible Study of Temperature Induced Phase Transitions in Agarose Gels”(EPF)
European Polymer Federation Congress 2013 June 16 -21,2013
Pisa, Italy
155. G. Akın Evingür and Ö. Pekcan “Characterization of Elasticity of PAAm-NIPA Copolymers” European Polymer Federation (EPF)
Congress 2013, June 16 -21,2013 Pisa, Italy
156. S. Sunay, Ş. Uğur and Ö. Pekcan “Fluorescence Study of Film formation From PS/Al₂O₃ Nanocomposites” 9th Coatings Science International
COS I, 2013, 24-28, 2013 Noordwijk, Holland
157. G. Akın Evingür and Ö. Pekcan “PAAm- NIPA Copolymer: Gelation, Drying, Swelling, and Elasticity with various NIPA Contents “
4 July 2013 seminar series in Erasmus program, Leuven Belgium
158. A.H. Bilge, Y. Özdemir and Ö. Pekcan “ A Mathematical Description

of the Critical Point in Phase Transitions “The Sixth International Workshop on Differential Equations and Applications
September 11-14, 2013, Izmir University of Economics Izmir, Turkey

159. G. Akin Evingür and Ö. Pekcan” Effect of Temperature on the elasticity of swollen PAAm- NIPA Copolymers”, 1st International Conference on Mechanics of Composites 8-12 June 2014 , Stony Brook University, NY, USA
160. Ş. Uğur, S. Sunay and Ö. Pekcan”| Film Formation from PS Latex/TiO₂ Nanocomposites” 1st International Conference on Mechanics of Composites 8-12 June 2014 Stony Brook University, NY, USA
161. S. Sunay ,S. Uğur and Ö. Pekcan “Film Formation Polystyrene and Poly (n-butyl acrylate) Latexes: An Excimer Study” COSI 2014 10th Coatings Science International 2014 ,23 June - 27 June 2014 Noordwijk, The Netherlands
162. A.H. Bilge and Ö. Pekcan “A mathematical characterization of the gel point in sol-gel transition” International Conference on Mathematical Modeling in Physical Sciences, August 28-31, 2014, Madrid, Spain
163. G. Akin Evingür and Ö. Pekcan “THE EFFECT OF GRAPHENE- OXIDE (GO) ON THE MECHANICAL PROPERTIES OF GO- PAAm COMPOSITES” European Symposium of Photopolymer Science September 9-12, 2014 Vienna University of Technology ,Vienna / Austria
164. S. Kara and Ö. Pekcan” NANO LAYERED COATINGS OF CARRAGEENAN AND RHODAMINE-LABELED CHITOSAN ON FUNCTIONALIZED GLASS SURFACES” European Symposium of Photopolymer Science September 9-12, 2014 Vienna University of Technology, Vienna / Austria
164. Ö. Pekcan, Ş. Uğur and M. S. Sunay” Fluorescence Study of Film formation From Polymer/Inorganic-oxide Based Composites” 1st International Symposium on Nanoparticles / Nanomaterials And Applications – ISN2A 2014, 08th - 10th September 2014 Caparica, Lisbon, Portugal
165. A.H. Bilge, Y. Özdemir and Ö. Pekcan “On the concurrence of global extrema of smooth real functions and their localization properties” 3rd International Conference on Complex Dynamical Systems: New Mathematical Concepts and Application in Life Sciences” TOBB University of Economics and Technology ,Ankara, Turkey 24-26 November 2014
166. G. Akin Evingur, O. Pekcan”Mechanical properties of GO- PAAm composites before and after swelling “Fourth International Conference on Multifunctional, Hybrid and Nanomaterials 9-13 March 2015 | Sitges (near Barcelona), Spain
167. S. Ugur, S.Sunay and Ö.Pekcan “Film Formation from PS/Al₂O₃ Nanocomposites: A Fluorescence Study “ International Conference on Advances in Composite Materials and Structures (CACMS 2015) 13-15 April 2015, Istanbul, Turkey
168. G. Akin Evingür and Ö. Pekcan “Slow Release Kinetics of Alginate Beads” Fourth International Symposium , Frontiers in Polymer Science In association with the journal polymer 20-22 May 2015,

Riva del Garda (on Lake Garda), Italy

169. S. Kara*, E. Arda, O. Pekcan “Electrical conductivity and optical transmittance properties of carrageenan and chitosan biofilm composites with graphene oxide and carbon nanotubes” Fourth International Symposium ,Frontiers in Polymer Science In association with the journal polymer 20-22 May 2015, Riva del Garda (on Lake Garda), Italy
170. G. Akın Evingür* , H. Kaygusuz, F. Bedia Erim and Ö. Pekcan “Slow Release Kinetics of Alginate Beads” 11th Nanoscience and Nanotechnology Conference (NanoTR-11) Ankara, Turkey. 22 -25 June, 2015
171. S. Ugur, O. Yargı* and O. Pekcan” Optical and Conductivity Measurements for Understanding of Film Formation From Polymer Latex/Carbon Nanotube Composites” 5th International Colloids Conference 21-24 June 2015, Amsterdam, the Netherlands
172. B. Ö. UYSAL, Ü. Ö. A. ARIER and Ö. PEKCAN “Effect of Nanotube Concentration on the Structural, Electrical and Optical Properties of Carbon Nanotube Reinforced Transparent TiO₂ Composites” 3rd International Congress on Energy Efficiency and Energy Related Materials (ENEFM 2015), 19 to 23 October 2015, Fethiye- Mugla, Turkey
173. G. Akın Evingür and Ö. Pekcan “ Gelation and Elasticity of Graphene Oxide-Polyacrylamide Composites” GRAPHENE Related Technologies From Laboratory to Industry, 15-16 October 2015 ,Hilton Hotel Kozyatağı, Istanbul, Turkey
174. H. Kaygusuz1, G. Akın Evingür, Ö. Pekcan, R. von Klitzing, F. B. Erim “ The effect of surfactant type on the mechanical properties of alginate Beads” 6th International Colloids Conference, Berlin, 2016
175. G. A. Evingür, Ö. Pekcan “Polyacrylamide- Graphene Oxide Composites: Optical and mechanical properties with various GO contents” 46th IUPAC World Polymer Congress (MACRO 2016) 17- 21 July 2016 Haliç Kongre Merkezi, İstanbul, Turkey
176. S. Kara, E . Arda, and Ö. Pekcan “Monitoring the Formation of Aqueous Carrageenan, Chitosan and Graphene Oxide Composite Bilayers by a Newly Designed QCM Measurement System “ 19th international conference on Composites Structures (ICCS19) Porto, Portugal, 5 - 9 September, 2016.
177. G. A. Evingür, Ö. Pekcan “ Optical Energy Band Gap of PAAM-GO Composites “ 19th international conference on Composites Structures (ICCS19) Porto, Portugal, 5 - 9 September, 2016.
178. G. A. Evingür, Ö. Pekcan “ Optical Properties of Polyacrylamide- Graphene Oxide Composites “ 4th European Symposium on Photopolymer Science” September 11-14, 2016 in Leipzig,Germany
179. S. Kara and Ö. Pekcan “A Comprehensive QCM Study on Chitosan Carrageenan Thin Biofilms with PNIPAM Microgels” 4th European Symposium on Pho-topolymer Science” September 11-14, 2016 Leipzig, Germany
180. S. Kara, E. Arda, F. Dolastir, Ö. Pekcan “Monitoring the Thin Film Formation of Carrageenan and PNIPAm Microgels” 19th International Conference on Polymer Materials Science, Engineering and Technology,

Copenhagen, Denmark on June, 11-12, 2017.

181. G. A. Evingür, Ö. Pekcan "Fractal Analysis of Polyacrylamide-Graphene Oxide Composite Gels" 19th International Conference on Polymer Materials Science, Engineering and Technology, Copenhagen, Denmark on June, 11-12, 2017.
182. Ö. Pekcan, S. Kara, T. Arsan, E. Buyukkaya "Fractals for Cardiology Literature and Diapers "11. Traditional International MIRROR CONFERENCE, Statistical and Condensed Matter Physics – Social Responsibility, KADİR HAS UNIVERSITY, Cibali, 19:00 Monday 25 December 2017
183. G. A. Evingür, Ö. Pekcan " Graphene Oxide Effect on the Dynamical Behavior of PAAM-GO Composite Gels" The 5th European Symposium of Photopolymer Science Mulhouse, France September 3-6, 2018
184. S. Kara, E. Arda , Ö. B. Mergen and Ö. Pekcan "Determination of Optical Band Gap Energies of PMMA/GNP Composite" The 5th European Symposium of Photopolymer Science Mulhouse, France September 3-6, 2018
185. Ö. Pekcan, T. Arsan, Ş. Şişmanoğlu "Fractals Analysis of Orhan Pamuk's Nobel Works "12. Traditional International MIRROR CONFERENCE, Statistical and Condensed Matter Physics – Social Responsibility, KADİR HAS UNIVERSITY, Cibali, 19:00 Monday 20, December, 2018
186. Bengü Özuğur Uysal, Şeyma Nayır, Önder Pekcan "Nano-filler (WS₂, MoS₂, MoSe₂) Enhanced Polyacrylamide Gels for Multifunctional Applications" Advanced Nano Materials, 17-19 July 2019, University of Aveiro, Portugal
187. Bengü Ö.Uysal, Şeyma Nayır, Şevval Koçoğlu, Önder Pekcan " MoSe₂Reinforced Polyacrylamide Composites with Tunable Refractive Index and Band Gap Energy" Advanced Nano Materials, 17-19 July 2019, University of Aveiro, Portugal
188. B. Osma, G. A. Evingür, Ö. Pekcan " Effect of Temperature and Graphene Oxide on the Swelling of PAAM-GO Composite Gels " 10th International Conference on Nanotechnology: Fundamentals and Applications (ICNFA'19) August 18-20, 2019 Lisbon, Portugal.

National

1. O. Pekcan, D. Gulen and D. Inan, "Host-Guest Triplet Pairs in Organic Crystals " III Annual Meeting of Turkish Physics Association, Cukurova University, Adana, Turkey, March 10-13, 1980
2. O. Pekcan and D. Inan "Anisotropy in Magnetic Absorption of Exciton-Guest Pairs "VII Annual Meeting of TUBITAK, Aydin, Kusadasi, Turkey, October 6-10, 1980
3. D. Inan and O. Pekcan "Anisotropy of T₁ Spin-Lattice Relaxation Time of Optical Excited Pyrene-d10

Molecule in Fluorene Crystal "VII Annual Meeting of TUBITAK, Aydin, Kusadasi, Turkey, October 6-10, 1980

4. O. Pekcan, "Luminescence Studies in Labelled Polymer Latex Particles " Hacettepe University, Ankara, Turkey, April 8 1983 (Seminar)
5. O. Pekcan, "Phosphorescence Studies in Naphtalene Labelled PMMA-PIB Particles "Cumhuriyet University, Sivas, Turkey, June 14 1983 (Seminar)
6. O. Pekcan, "Collapse of Polymer Chain in Solution "V Annual Meeting of Turkish Physics Association, Istanbul University, Istanbul, Turkey, September 7-9, 1983
7. O. Pekcan, "Single-Photon Counting Studies in Labelled Polymer Colloid Systems "Middle East Technical University, Ankara, Turkey, March 9 1983 (Seminar)
8. O. Pekcan, Y. Kaptan and Y. Demir " Microdomains in Polymer Colloids "VI Annual Meeting of Turkish Physics Association, Gebze, Istanbul, Turkey, August 28 1984
9. O. Pekcan, Y. Demir and Y. Kaptan "Study of Core Morphology in Polymer Colloid by ESR Method " I Makromolekul Kollokyumu, Ankara University, Ankara, Turkey, December 12-13, 1984
10. O. Pekcan, "Fluorescence Technique to Study Volume Deformation of Polymer Colloids " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
11. Y. Kaptan and O. Pekcan "Indications to Swelling of a Gamma Irradiated Polymer Colloid " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
12. O. Pekcan, H. Kiziltan and O. Birgul "Lattice Model for Naphthalene Labelled Polymer Colloid " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
13. Y. Demir and O. Pekcan "Study of Molecular Motions in Polymer Colloid by Spin Probe Method " II National Makromolekul Simpozyumu, Ankara, Turkey, November 6-8, 1985
14. Y. Demir, O. Pekcan and D. Inan " Nonsolvent Penetration into Polymer Colloid , Spin Probe Method " VII Annual Meeting of Turkish Physics Association, Yildiz University, Istanbul, Turkey, September 24 1985
15. Y. Kaptan and O. Pekcan " Molecular Motion in Gamma Irradiated Polymer Colloid " VII Annual Meeting of Turkish Physics Association, Yildiz University, Istanbul, Turkey, September 24 1985
16. Y. Kaptan, O. Pekcan, E. Arca and O. Guven "Oxygen Diffusion

into Polymer Spheres " VIII Turkish Physics
Association Symposia, Middle East Technical
University, Ankara, Turkey, September 1986

17. Y. Demir and O. Pekcan " Nitroxide Radical Diffusion into
Polymer Colloid by Non-solvents " III Makromolekul
Simpozyumu Middle East Technical University, Ankara,
Turkey January 1988
18. O. Pekcan " Fractal Like Particles " Bogazici University,
Istanbul Turkey 16-Nov-1988 (Seminar)
19. O. Pekcan " Restricted Geometries " TUBITAK Solid state Physics
Meeting Gebze, Kocaeli, Turkey 19-21 Oct. 1988 (invited)
20. O. Pekcan "Fractional Dimension and Restricted Geometries"
Istanbul Technical University, Phys. Dept. Istanbul,
Turkey 4-Nov-1988 (seminar)
21. O. Pekcan " Fracktal like Morphology in Polymer Particles " TFD 11
Ulusal Fizik Kongresi 1-2 Sept 1989, Ankara, Turkey
(invited)
22. O. Pekcan " Fracktal Morphology in Polymer Blends " 7, March 1990
Chemistry Department, ITU, Istanbul, Turkey (Seminar)
23. O. Pekcan "Apparent Dimension in a Blend-like Spherical Polymer
Particles " Bogazici Universitesi, Istanbul, Turkey, 1990
(Seminer)
24. O. Pekcan " Polymer Diffusion by ESR " Physisc Department ITU
December 1990 Istanbul, Turkey (seminar)
25. O. Pekcan "Fractal Like Structure in Polymers " Physisc Dept.
Trakya University 10 January 1991 Edirne, Turkey (Seminar)
26. O. Pekcan "Non-Integer Dimensionalities in Restricted
Geometries " ITU, Istanbul, Turkey 20 Dec. 1992
(seminar)
27. O. Pekcan " Chain Diffusion at Polymer-Polymer Interface "
ITU, Istanbul, Turkey 30 April 1993 (Seminar)
28. M. Canpolat and O. Pekcan " Modelling of Kink Jumps During
Polymer Diffusion " Chemical Physics II, Bilkent
University, Ankara Turkey 11-13 May 1993
29. M. Canpolat and O. Pekcan " Study of Healing and Diffusion
During Latex Film Formation by Fluorescence Tech_
nique " Chem. Phys. II, Bilkent Unyversity,
Ankara Turkey 11-13 May 1993
30. O. Pekcan " Alasimli Polimer Parcaciklarda Fraktal Yapilar " Inonu
Universitesi, Malatya Turkiye 29 Dec. 1995 (seminar)
31. O. Pekcan " Polymer Yapilarda Fraktallar " Trakya Universitesi
Edirne Turkiye 29 March 1996 (seminar)
32. O. Pekcan " Latex Parcaciklardan Filim Olusumu " Gaziantep Univer-

- sitesi, Gaziantep Turkiye 19 April 1996 (seminar)
33. O. Pekcan " Fraktallar " 18 Mart Universitesi, Canakkale Turkiye
12 April 1996 (seminar)
 34. Ö. Pekcan " Fluorescence Technique For Sol-Gel Phase Transitions"
KOÇ Universitesi , İstanbul Turkey 15 Dec. 1996 (seminar)
 35. Ö. Pekcan " Sol-Gel Transition" Boğaziçi Universitesi ,
İstanbul Turkey 26 Dec.1996 (seminar)
 36. Ö.Pekcan, "Fluorescence Method for Studying Latex Film
Formation" TFD-17, Alanya, Turkey, 17-31.Ekim.1998.
 37. Ö.Pekcan, "Latex Films and Fluorescence Method" Chem.Dept.
Bilkent University Ankara Turkey (Seminer) Dec.5.1998.
 38. S. Yildiz , H. Ozbek and O. Pekcan, "Multiple Phase Transitions in
Liquid Crystals" Istatistik Fizik Gunleri VI Macka,
İstanbul Turkey 15-16 temmuz 1999
 39. O. Pekcan "Latex Film Olusumu ; Foton Yansimasi ve Gecirgenligi
ile İlgili Bir Calisma " Seminar Fizik Bolumu ITU,
İstanbul Turkey 15, Oct. 1999
 40. Ö. Pekcan " Gel Swelling " Seminar,Bogazici Universitesi,
22 Dec 1999 Istanbul Turkey
 42. Ö. Pekcan " Avrupa Birliđi ve Turkiye " Panel, İTÜ Yüksek Mühendisler
Birliđi, Ankara Turkiye 26 mayıs 2001
 43. Ö. Pekcan " Polimelerin Hareketleri " Seminer (TÜBA) Balıkesir
Üniversitesi, Balıkesir 19 nisan 2002
 44. Ö. Pekcan " Polimer Malzemelerin Çözünme Mekanizmaları " Seminer
(TÜBA) Akdeniz Üniversitesi, Antalya, 28 ocak 2003
 45. Ö. Pekcan " Polimer Filmlerin Çözünmeleri " Seminer (TÜBA) Pamukkale
Üniversitesi, Denizli 25-26 mart, 2003
 46. Ö. Pekcan "Jel Şişmesi " Seminer (TÜBA) Sütçü İmam Üniversitesi
Kahraman Maraş,8-9 nisan 2004
 47. Ö. Pekcan "Polymer Film Formation For Surface Coating "TMMOB, KMO
2nd Paper-Cardboard, Ink, Printing Symposium and Exhibition with
International Participant, İzmir, 2-5 aralık 2004
 48. Ö. Pekcan " Seramik-Polimer Kompozitler " Seminer (TUBA) Muğla
Üniversitesi, Muğla, 9 Mart 2005
 49. Ö. Pekcan « Polimer Kaplamalar » Dünya Fizik yılı Etkinlikleri, Kocaeli
Üniversitesi, İzmit, 23-24 Mayıs 2005
 50. Ö. Pekcan « Time Resolved Fluorescence for Gel Swelling » IX Ulusal
Spektroskopi Kongresi, Bilkent Üniversitesi, Ankara, 8-10 Haziran
2005
 51. Ö. Pekcan "Phase Transitions in Biological Gels "XVIII. Ulusal
Biyofizik Kongresi, Beypazarı, Ankara, 6-9 Eylül 2006

52. Ö. Pekcan “Bio-gels “Seminar, Kadir Has Üniversitesi, İstanbul
15 Aralık 2006
53. Ö. Pekcan “Film Formation from Polymer Particles” Işık Üniversitesi,
Department of Physics, Istanbul March 23, 2007
54. Ö. Pekcan “Phase Transition in Polyacrylamide Gels” Işık Üniversitesi,
Department of Physics, Istanbul March 30, 2007
55. Ş. Uğur, Ö. Yargı, Ö. Pekcan “Film Formation from PS Latex doped
PNIPAM Hydrogels at various Heating and cooling rates” TFD
24 th Meeting, İnönü University, Malatya August 28-31, 2007
56. Z. Doğruyol, F. Karasu, D. Karaka, Nergis Arsu, Ö. Pekcan “Fotobaşlatılmış
Polimerizasyon İşleminde Jelleşme Kritik Üstlerinin Foto-DSC
Spektroskopisi Yöntemi Kullanarak Elde Edilmesi” Turk Kimya
Derneği Toplantısı, İnönü University, Malatya August 21-23, 2007
57. Ö. Tarı, Ö. Pekcan “Fluorescence Study on Drying of Iota Carrageenan
Gels at Various Ca Cl₂ Content” TFD 24 th Meeting, İnönü
University Malatya August 28-31, 2007
58. G. Evingür, Ö. Pekcan “Fluorescence Technique for Measuring Drying
And Swelling Activation Energies of PAAm Gel” TFD 24 th
Meeting, İnönü University, Malatya August 28-31, 2007
59. Z. Doğruyol, N. Arsu, Ö. Pekcan “Universality in Gelation of Epoxy
Acrylate with Various Light Intensity: A Photo Differential
Scanning Calorimetric Study” Physical Chemistry, İTÜ İstanbul
April 2008,
60. G. Evingür, D. Kaya Aktaş and Ö. Pekcan “Critical Phenomena of
multiwalled carbon nanotubes / polyacrylamide composite gels
Nano TR-2008, İTÜ, İstanbul 13-14 June, 2008
61. Ş. Uğur , Ö. Yargı and Ö. Pekcan “Oxygen Diffusion in Polymer-Clay
Nanocomposite Films Based on Fluorescence Quenching “
Nano TR-2008, İTÜ, İstanbul 13-14 June, 2008
62. G. Evingür, D. Kaya Aktaş and Ö. Pekcan “ Swelling and Drying of
Hydro gels (PAAm) at Various Cross linker Densities: A
Fluorescence Study” TFD 25 th Meeting, Bodrum 25-29,
August 2008
63. Ş. Uğur , S. Sunay, A. Elaissari and Ö. Pekcan” Film formation of
Nano-sized Hard latex in Soft Polymer Matrix by Fluorescence
Technique” TFD 25 th Meeting, Bodrum 25-29 August 2008
64. Z. Doğruyol, N. Arsu, Ö. Pekcan” Değişen Işık Şiddeti ve Fotobaşlatıcı
Konsantrasyonu ile Yapılan Jelleşmede Evrensel Üstlerin Tayini”
TFD 25 th Meeting, Bodrum 25-29 August 2008
65. Ö. Tarı and Ö. Pekcan “ Modelling of Swelling by Fluorescence
Technique In Kappa Carrageenan Gels” TFD 25 th Meeting,
Bodrum 25-29 August 2008
66. Ö. Pekcan “ Bilim Teknoloji ve Toplum” Açılış Dersi, Kadir Has
Üniversitesi, 22 Eylül 2008, Cibali İstanbul

67. Ö. Pekcan “Yosunlarda Faz Geçişleri ” Berker-FEST, İTÜ Makina Fakültesi, Gümüşsuyu, İstanbul 14-15 Kasım 2009
68. Z. Doğruyol, S.K. Doğruyol, N. Arsu and Ö. Pekcan” Epoksi Akriyatların UV ile Jelleşmesi Sırasında Camsı Bölgelerin DMF içinde Perkülasyonu ” 24 Ulusal Kimya Kongresi, Zonguldak Kara Elmas Üniversitesi, Zonguldak, Türkiye 29 Haz.-2 Temm. 2010
69. Z. Doğruyol, S. K. Doğruyol, N. Arsu, Ö. Pekcan, Effect of Acrylate Functionality on the Gelation Kinetics and Critical Exponents, International Chemical Physics Congress-IX, İzmir, Ekim, 2010.
70. Z. Doğruyol, S. K. Doğruyol, N. Arsu, Ö. Pekcan, Investigation of Photoinitiation Mechanisms of Novel Visible Photoinitiators Based on Thioxanthone by Laser Flash Photolysis, International Chemical Physics Congress-IX, İzmir, Ekim, 2010.
71. Z. Doğruyol, G. Temel, S.K. Doğruyol, N. Arsu, Ö. Pekcan “PST-MWNT Miktarının, Filmlerin Mekanik Özelliklerine Etkileri ve Ve Jelleşmeye ait Kritik Exponentler” Türk Fizik Derneği 27. Uluslararası Fizik Kongresi, İstanbul, 14,Eylül, 2010.
72. G. Evingür and Ö. Pekcan” Drying of PAM-K-Carrageenan Composite Gell Swollen in Water” Türk Fizik Derneği 27 Uluslararası Fizik Kongresi, İstanbul, 14,Eylül, 2010.
73. Ö. Pekcan ” Phase Transitions in Red Seaweeds” 14 Ulusal Sıvihal Fiziği Sempozyumu, Trakya Üniversitesi, Balkan Kongre Merkezi Edirne, 23-26 Aralık 2010
74. G. Evingür and Ö. Pekcan “PAM-K-Carrageenan Composites; Drying Swelling with Various K-Carrageenan Contents”Adv. In App. Physics and Materials Science Congress” Miranda, Kemer, Antalya 12-15 Mayıs, 2011
75. G. Evingür and Ö. Pekcan “Elastic Properties of a Swollen PAM-K-Carrageenan Composite at Various Temperatures” NanoTRVII Ulusal Nanobilim ve Nanoteknoloji Konferansı, İstanbul 27 Haziran-1 Temmuz 2011
76. Ö. Pekcan “ Biological Gels “ Seminer, Sabancı Üniversitesi, Gebze İstanbul, 2 Kasım 2011
77. G. A. Evingür and Ö. Pekcan “Sol- Gel Phase Transitions in Composite Gels” 15.Ulusal Sıvı Hal sempozyumu, 24- 26 Kasım 2011, Piri Reis Üniversitesi, İstanbul
78. G. A. Evingür, Ö. Pekcan “ Monitoring of Dynamical processes in PAAm- κC Composites” 16. Ulusal Sıvihal Fiziği Sempozyumu 21-22 Aralık 2012, İstanbul Üniversitesi, Baltalimanı Tesisleri, İstanbul
79. Ö.Pekcan “ Bilim ve Buluşlar” konferans, liseler için bilim, 19 Şubat 2013 Kadir Has Üniversitesi, İstanbul

80. Ö. Pekcan “Biyolojide Faz Geçişleri” Seminer, 1 Mart 2013
İstanbul Üniversitesi, Fizik Bölümü, İstanbul
81. G. A. Evingür, Ö. Pekcan “ PAAm- NIPA Copolymer: Drying, Swelling, and Elasticity with various NIPA Contents “ 17
Ulusal Sıvıhal Fiziği Sempozyumu 13-14 Aralık 2013,
Üniversitesi, Baltalimanı Tesisleri, İstanbul
82. Ö. Pekcan “Bilim ve Teknoloji Nereden Nereye “ Salı Seminerleri
11 Mart 2014 Kadir Has Üniversitesi, İstanbul
83. Ö. Pekcan”Bilimin Gelişimi ve İcatlar ”Biyoinformatik ve Genetik
Çalıştayı, 28 Mart 2014, Kadir Has Üniversitesi, İstanbul
84. İ. ÖZYİĞİT, E. KARAKUŞ ve Ö. Pekcan” N-(1-Pirenil)maleimid
(PM) İle Modifiye Edilmiş Sığır Serum Albümin (Bovine
Serum Albumine; BSA)’inin Eksimer Emisyonuna ait Floresans
Ömür Dağılımının Kimotripsin ve Tripsin Etkisi İle Değişiminin
İncelenmesi “24-26 Eylül 2014 ,Bilkent Üniversitesi ,2. Ulusal
Organik Kimya Kongresine, Ankara
85. İ. ÖZYİĞİT, E. Karakuş ve Ö. Pekcan “Examination of Lifetime
Distribution Changes of Human Serum Albumin Modified With
N-(1-Pyrenyl)maleimide (PM-HSA) by The Proteolytic Activities
of Chymotrypsin and Trypsin” XI. Kimyasal fizik kongresi,
17-18 Ekim, 2014, Pendik İstanbul
86. G. A. Evingür; H. Kaygusuz; F. B. Erim ve Önder Pekcan “Calcium
Ion Effect on Slow Release from Alginate Beads” XI. Kimyasal
Fizik kongresi, 17-18 Ekim, 2014, Pendik İstanbul
87. Ö. Pekcan “Bilimsel Gelişimlerin Neresindeyiz ? “ Mühendislik ve
Mimarlık Fakültesi Bilim, Teknoloji ve Toplum (BTT) Seminerleri
19 Kasım Çarşamba, 2014, Kemer Burgaz Üniversitesi, İstanbul
88. G. A. Evingür; H. Kaygusuz; F. B. Erim ve Önder Pekcan “A Fluorescence
Study on Slow Release Kinetics of Alginate Beads” ULUSAL
18. SIVIHAL SYMPOSIUM, 5-6 December, 2014 Piri Reis
Üniversitesi, Tuzla- İstanbul, TURKEY
89. Ö. Pekcan “Bilim ve Günlük Yaşam I ” Biyoinformatik ve Genetik
Çalıştayı, 16-18 Nisan 2015, Kadir Has Üniversitesi, İstanbul
90. G. Akın Evingür and Ö. Pekcan” Mechanical properties for Graphene
Oxide- Polyacrylamide Composites” 22. İstatistik Fizik Günleri
25-27 Haziran 2015 İstanbul Teknik Üniversitesi, İstanbul
91. Ö. Pekcan “Bilim ve Günlük Yaşam II” Biyoinformatik ve Genetik
Çalıştayı, 9 Temmuz 2015, Kadir Has Üniversitesi, İstanbul
92. G. A. Evingür and Ö. Pekcan” Elasticity of Polyacrylamide- Graphene
Oxide Composites “ 19. ULUSAL SIVI HAL SEMPOZYUMU
19 Aralık 2015 İstanbul Üniversitesi Baltalimanı Tesisleri, Baltalimanı,
İstanbul
93. İ. E. Özyiğit , E. D. Akten, Ö. Pekcan” Analysis of Structural Changes
of Proteins by Fluorescence Lifetime Distributions” 23. İstatistiksel
Fizik Günleri, 23-24 June 2016, İTÜ, İstanbul

94. Ö. Pekcan “ Fraktallar” Biyoinformatik ve Genetik Lise Çalıştayı,
22 Temmuz 2016, Kadir Has Üniversitesi, İstanbul
95. Ö. Pekcan “ Fractal Structures in Gels “ Cuma Seminerleri, 17 Şubat
2017 Kadir Has Üniversitesi , İstanbul
96. Ö. Pekcan “ Fractals and Gels “24. İstatistiksel Fizik Günleri, 28-30
June 2017, İYT, İzmir
97. Ö. Pekcan “ Phase Space for Cardiology Literature and Earthquake”
Hortaçsu-Fest, 19, Nisan 2018, Mimar Sinan Üniversitesi, Bomonti
Yerleşkesi, İstanbul
98. **Ö. Pekcan** “KARDİYOLOJİDEN EDEBİYATA GÜNDELİK
HAYATTA FRAKTALLAR” Bilim Akademisi Konferansı 66,
19, Eylül 2018 Çarşamba, 18 30, Yapı Kredi Kültür Sanat, Galatasaray,
İstanbul
99. **Önder Pekcan** “Yaşamımızda Her Yerde 1.7 Boyut ve Orhan Pamuk”
2.KHAS-Rehber Öğretmenler Akademisi “Geleceği Kuranlar ile
Geleceğe Yön Verenler Birarada” 22 Aralık, 2018 Cumartesi, 09 30
Kadir Has Üniversitesi/Galata Salon, **İstanbul**
100. **Önder Pekcan** “Yaşamımızda Her Yerde 1.7 Boyut ve Orhan Pamuk”
1.KHAS-Mezun Akademisi, 19. Ocak.2019 Kadir Has Üniversitesi
Galata Salon Cibali,Fatih, **İstanbul**
101. **Önder Pekcan** “Yaşantımızda Fraktallar” Perşembe Söyleşileri, Özgen
Berkol Doğan Bilimkurgu Kütüphanesi, 7 Şubat Perşembe,2019
19:30 Moda, **İstanbul**
102. **Taner Arsan** and **Önder pekcan** “Orhan Pamuk,Your Heart, and
Shifting Ground:Their Fractal Dimension” 26. İstatistiksel Fizik Günleri,
27-29 June 2017, İYT, **İzmir**
103. **Önder Pekcan** “karmaşık Sistemler ve Veri Bilimi” (katıldığı) Çalıştay,
Kadir Has Üniversitesi, 18-19 Temmuz, 2019, Cibali, Fatih, **İstanbul**
104. **Önder Pekcan** “ Yaşamımızda Her Yerde 1,7 Boyut ve Orhan Pamuk”
Mühendislik ve Bilim, Yaşam ve Gelecek KHAS Lise Yaz Okulu Dersi
1Temmuz, 2020, Zoom, 11 00-12 00
105. **Önder Pekcan** “ Fraktallar “ Biruni Üniversitesi, 3, Kasım, 2020 Zoom.
106. **Önder Pekcan** “ Fraktallar” Lise Kış Okulu, Moleküler Biyoloji
Ve Genetik Kadir Has Üniversitesi, 25 Ocak, 2021, Khas Learn,
15 00-16 20
107. **Önder Pekcan** “ Yaşamımızda Her Yerde 1,7 Boyut ve Orhan Pamuk”
Mühendislik ve Bilim, Yaşam ve Gelecek KHAS Lise Kış Okulu Dersi
Zoom : 12 45-13:25, 27 Ocak , 2021